May 19, 2017

Monroe School District
Attn: Devlin Piplic, Director of Facilities
200 East Fremont
Monroe, Washington 98272

RE: Quarterly Air and Wipe Sampling – April 2017
Sky Valley Educational Center, 351 Short Columbia Street, Monroe, Washington

Dear Devlin:

On April 10 through 12, 2017 Fulcrum Environmental Consulting, Inc. (Fulcrum) completed a sampling event at Sky Valley Educational Center for the presence of polychlorinated biphenyls (PCBs) in air and on non-porous surface. The purpose of the sampling event was to evaluate all areas of the building from which PCB containing caulk was removed in 2016 as specified in Monroe School District's Corrective Action Plan, dated May 25, 2016. See Attachment A for site photographs of air sample location and Attachment B for site photographs of wipe sample locations.

Background

In summer 2016, PCB-containing caulk and light fixtures were remediated at Sky Valley Educational Center in the Administration, Annex, Gymnasium, Classroom Pod/Library, and the Technology buildings. Following remediation samples were collected and analyzed to evaluate site conditions. In December 2016 the 1st quarter PCB sampling event was completed, which included collection of 50 air samples and 10 wipe samples. Seven samples and one field blank were identified with PCBs, including samples collected from Room F in the Annex Building; the Gathering Place – East, Small Gym, Girls Locker room, Girls Locker room Storage, and Electrical room of the Small Gym, and the CTE room of the Gym Building. All of the samples with detectable PCBs occurred sequential and at the end of the sampling process. As a results, the consultant concluded, following a review of the results and sampling media handling practices, that the sampling media was contaminated during the handling process and recommended that retesting be completed.

In March 2017, Fulcrum completed air and wipe sampling of select areas in SVEC, including each area where a sample with detectable PCBs were indented during the December 2016 event and four electrical rooms that had not been previously evaluated.

Scope of Work

Fulcrum's scope of work consisted of the collection of air samples and wipe samples from select locations at Sky Valley Educational Center for the presence of PCBs and consisted of the following tasks:

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- Collected 56 air samples for PCBs in air with each sample consisting of approximate 2,000 liters of air collected during a period of about 6.8 hours.
- Submitted collected air samples, three field blanks, and three laboratory blanks for analysis by U.S. Environmental Protection Agency (EPA) Method TO-10a to determine PCB content.
- Collected 12 wipe samples from non-porous surfaces with laboratory provided hexane wipe media.
- Collected two duplicate wipe samples from locations immediately adjacent to project samples non-porous surfaces with laboratory provided hexane wipe media.
- Submitted collected wipe samples, two duplicate samples, one field blank, and one laboratory blank for analysis by EPA Method 8082 to determine PCB content.
- Prepared this single summary letter report with the associated laboratory results and revised sample figures.

Fulcrum's services were provided to Monroe School District in evaluation of the Sky Valley Educational Center located at 351 Short Columbia Street in Monroe, Washington. Fulcrum's assessment did not include evaluation of non-readily accessible areas such as sealed wall cavities, beneath wall or floor coverings, etc. except those specifically identified in this report. Results are specific to the time and day of inspection and may not reflect conditions at other times.

Sampling Event

Fulcrum's sampling event was completed in conformance with the Quality Assurance Project Plan (QAPP) prepared for the project.[1] See Attachment C for project figures.

All samples collected during the project were submitted to ALS Global in Cincinnati, Ohio (ALS-Cincinnati) for analysis. ALS-Cincinnati has been the project laboratory for much of the prior work within the building. ALS-Cincinnati also provided all sampling media used during the project. All samples submitted to ALS-Cincinnati were submitted under chains-of-custody and delivered by commercial carrier in an insulated cooler with reusable freezer packets. See Attachment D for ALS-Cincinnati laboratory results and chains-of-custody for all air samples. See Attachment E for ALS-Cincinnati laboratory results and the chain-of-custody for project wipe samples.

Samples were submitted on the day of sample collection and were received by ALS-Cincinnati under four separate chains-of custody. The associated ALS-Cincinnati work orders are 1704300, 174352, 1704391, and 1704401.

[1] Fulcrum, *Quality Assurance Project Plan, Polychlorinated Biphenyl Sampling in Air and Non-Porous Surfaces for Monroe School District*, Sky Valley Educational Center, Revision 4.0, Issued April 4, 2017.

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Air Sampling

Air sampling was completed as described in EPA Method TO-10a.[2] Sampling utilized a polyurethane foam (PUF) sample media in a borosilicate glass cassette. Air is pulled through the PUF filter by an air pump which is connected by clear Tygon-type tubing.

Flow calibration was measured both before and after sample collection by a TSI 4046 primary calibrator. The primary calibrator was factory calibrated in January 2017. Samples were collected at a rate of 5 liters per minute (LPM) and ranged from 2,050 to 2,100 liters (L) of total sampling volume.

Wipe Sampling

All wipe samples were collected with laboratory provided hexane saturated cotton gauze, stored in 2-ounce borosilicate glass jars. Wipe samples were preferentially collected from either staining on a transformer(s) present within the area or from the area of the underlying flooring with the most dust accumulation. See Attachment B for site photographs of wipe sample locations.

Each wipe was collected from the substrate surface within a disposable paper template that measured 10 centimeters (cm) by 10 cm, for a total area of 100 square cm (cm^2). Each individual wipe was returned to the sampling jar immediately following sample collection.

All samples were collected from the surface of the epoxy sealant present on the substrate. Substrate materials included brick, concrete, metal, plaster, or laminate and was present on walls, door or window frames, or overhead beams.

Sampling Discrepancies

The following sampling discrepancies occurred during the sampling event:

- Two excess wipe samples were inadvertently collected from the incorrect locations as a results of room number confusion. The samples were submitted along with other project samples but were held and were not analyzes.

Laboratory Results

ALS-Cincinnati completed analysis of samples collected during this project. Air samples were submitted under three separate chains-of-custody and were processed as three separate batches as 1704300, 1704391, and 1704352. The laboratory reports for the air samples are included in Attachment C. Wipe samples were submitted under one chain-of-custody and were identified by ALS-Cincinnati as batch 1704401. See Attachment D for the laboratory report for project wipe samples.

[2] U.S. Environmental Protection Agency, *Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using Low Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD)*, January 1999.

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Table 1: Air Sample Results

Sample	Location	Sample Volume (L)	Result
41017-ADM-SW OFFICE	Admin Building	2,100	< 0.048 ng/m^3
41017-ADM-W OFFICE	Admin Building	2,100	< 0.048 ng/m^3
41017-ADM-NW OFFICE	Admin Building	2,100	< 0.048 ng/m^3
41017-ADM-STAFF RM	Admin Building	2,100	< 2.4 ng/m^3
41017-ADM-NURSE	Admin Building	2,100	< 0.048 ng/m^3
41017-ADM-SE OFFICE	Admin Building	2,100	< 0.048 ng/m^3
41017-ADM-S OFFICE	Admin Building	2,100	< 0.48 ng/m^3
41017-ADM-CONFERENCE	Admin Building	2,100	< 0.048 ng/m^3
41017-ADM-ADMINISTRATION RM	Admin Building	2,100	< 0.048 ng/m^3
41017-GYM-GIRLS LOCKER	Gym Building	2,100	< 0.048 ng/m^3
41017-GYM-SMALL GYM	Gym Building	2,100	< 0.048 ng/m^3
41017-GYM-CTE	Gym Building	2,100	< 0.048 ng/m^3
41017-GYM-DAYCARE	Gym Building	2,100	< 0.048 ng/m^3
41017-GYM-GIRLS LOCKER STORAGE	Gym Building	2,100	< 0.048 ng/m^3
41017-GYM-SMALL GYM ELECTRICAL	Gym Building	2,100	< 0.048 ng/m^3
41017-GYM-ANX-RM-B	Gym Building	2,100	< 0.048 ng/m^3
41017-GYM-ANX-RM-A	Gym Building	2,100	< 0.048 ng/m^3
41017-FB	Field Blank	-	ND
41017-LB	Laboratory Blank	-	ND
41117-ANX-RoomD	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-RoomC	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-RoomBOffice	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-RoomF	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-RoomEWest	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-RoomEEast	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-Nhallway	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-SEHallway	Annex Building	2,100	< 0.14 ng/m^3
41117-ANX-BoysBahtroom	Annex Building	2,100	< 0.14 ng/m^3
41117-POD-14	POD and Library	2,100	< 0.14 ng/m^3
41117-POD-15	POD and Library	2,100	< 0.14 ng/m^3
41117-POD-16	POD and Library	2,100	< 0.14 ng/m^3
41117-POD-17	POD and Library	2,100	< 0.14 ng/m^3
41117-POD-18	POD and Library	2,100	< 0.14 ng/m^3
41117-POD-19	POD and Library	2,100	< 0.14 ng/m^3
41117-POD-20	POD and Library	2,100	< 0.14 ng/m^3
41117-POD-North POD Center	POD and Library	2,100	< 0.14 ng/m^3
41117-Field Blank	Field Blank	-	ND
41117-Lab Blank	Laboratory Blank	-	ND

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Table 1: Air Sample Results (continued)

Sample	Location	Sample Volume (L)	Result
41217-POD-RM01	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM02	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM03	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM04	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM05	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM06	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM07	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM08	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM09	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM10	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM11	POD and Library	2,100	< 0.24 ng/m^3
41217-POD-RM12	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-RM13	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-East Pod Center	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-South Pod Center	POD and Library	2,100	< 0.14 ng/m^3
41217-POD-Library	POD and Library	2,100	< 0.14 ng/m^3
41017-FB	Field Blank	-	ND
41017-LB	Laboratory Blank	-	ND

Laboratory analysis did not identify any airborne PCBs within the samples collected and analyzed during this event. All method reporting limits were significantly below the EPA regulatory threshold for PCBs in air of 100 nanograms per cubic meter (ng/m^3) of air.

Table 2: Wipe Sample Results

Sample	Location	Component & Substrate below Epoxy	Result
41217-01W: ANX-Prep Room F	Admin Building	Metal window frame and brick wall	< 1.0 µg/sample
41217-02W: ANX-Room E West	Admin Building	Plaster wall and brick window sill	< 1.0 µg/sample
41217-03W: ADM-Nurse	Admin Building	Plaster wall and laminate countertop	< 1.0 µg/sample
41217-04W: ADM-NW Office	Admin Building	Plaster wall and laminate countertop	< 1.0 µg/sample
41217-05W: GYM-Girls Locker Storage	Gym Building	Metal window frame and brick wall	< 1.0 µg/sample
41217-06W: GYM-South Windows	Gym Building	Metal window frame and brick wall	< 1.0 µg/sample
41217-07W: GYM-Daycare Beam	Gym Building	Concrete wall/beam	< 1.0 µg/sample

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Table 2: Wipe Sample Results (continued)

Sample	Location	Component & Substrate below Epoxy	Result
41217-08W: POD-RM 01	Pod and Library	Metal window frame and brick wall	< 1.0 µg/sample
41217-09W: POD-RM 05	Pod and Library	Metal window frame and brick wall	< 1.0 µg/sample
41217-10W: POD-RM 10	Pod and Library	Metal window frame and brick wall	< 1.0 µg/sample
41217-11W: POD-RM 12	Pod and Library	Metal window frame and brick wall	< 1.0 µg/sample
41217-12W: POD-RM 15	Pod and Library	Metal window frame and brick wall	< 1.0 µg/sample
41217-13W: POD-RM 18	Pod and Library	Metal window frame and brick wall	< 1.0 µg/sample
41217-14W: POD-RM 19	Pod and Library	Metal window frame and brick wall	< 1.0 µg/sample
41217-15W: GYM Girls Locker Room Door	Gym Building	Metal door frame and brick wall	Sample Collected in Error, Sample Not Analyzed
41217-16W: POD-RM 17	Pod and Library	Metal window frame and brick wall	Sample Collected in Error, Sample Not Analyzed
41217-17W: ANX-Prep Room F-B	*Duplicate Sample, Collect immediately adjacent sample 41217-ANX-Prep Room F*	Metal window frame and brick wall	< 1.0 µg/sample
41217-18W: ANX-Girls Locker Room Storage-B	*Duplicate Sample, Collected immediately adjacent sample 41217-GYM-Girls Locker Storage*	Metal window frame and brick wall	< 1.0 µg/sample
41217-19W	Field Blank	-	< 0.10 µg/sample
41217-20W	Lab Blank	-	< 0.10 µg/sample

No PCB concentrations were identified at any of the wipe sampling locations. All method reporting limits were significantly below the EPA regulatory threshold for PCBs on building surfaces.

Analytical Discrepancies

ALS-Cincinnati reported the following discrepancies occurred during laboratory analysis:

- 1704300 – The method reporting limit ranged from 0.10 micrograms per sample (µg/sample) to 5 µg/sample within the sample batch. As a result, the highest "non-detect" result was at 2.4 ng/m^3 which is well below the action level of 10 ng/m^3. No detectable concentrations of PCBs were present in any

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of the collected samples. The field blank and laboratory blank both reported non-detected concentrations of PCBs at the method reporting limit.

- 1704352 – No discrepancies or errors were reported for the sample batch. All method reporting limits were sufficient to meet project data quality objectives. The field blank and laboratory blank both reported non-detected concentrations of PCBs at the method reporting limit.

- 1704391 – No discrepancies or analytical errors were reported by ALS-Cincinnati. Fulcrum noted that sample 41217-POD-RM11 has a method reporting limit that was higher than other samples in the set; however, the reporting limit was low enough to demonstrate that PCBs were not present at a concertation well below the project action level. The field blank and laboratory blank both reported non-detected concentrations of PCBs at the method reporting limit.

- 1704401 – No discrepancies or errors were reported for the sample batch. All method reporting limits were sufficient to meet project data quality objectives. The field blank and laboratory blank both reported non-detected concentrations of PCBs at the method reporting limit.

All sample results and laboratory quality control documentation was reviewed. All analysis met the project quality control criteria and produced reliable results that would have identified PCBs at the applicable action level.

Conclusions & Recommendations

No PCBs were reported at the method reporting limits in any of the air or wipe samples collected and submitted for analysis. Based on the results of the wipe testing, the selected epoxy paint is effectively encapsulating the remnant PCB contamination that is within the porous substrate materials. No airborne PCB hazards were found to be present in the building.

If you have any questions, please contact me at 509.574.0839.

Sincerely,

Ryan K. Mathews, CIH, CHMM
Principal

Attachments



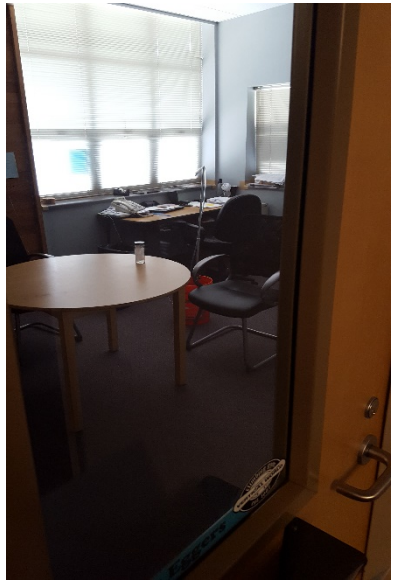
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environmental consulting

Attachment A

Site Photographs
Air Samples

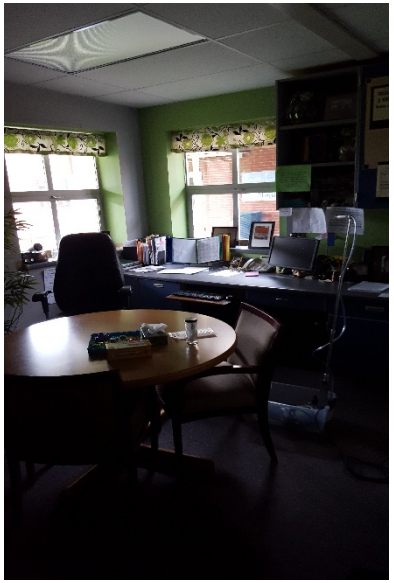
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41017-01: Administration – Southwest Office.



41017-02: Administration – West Office.



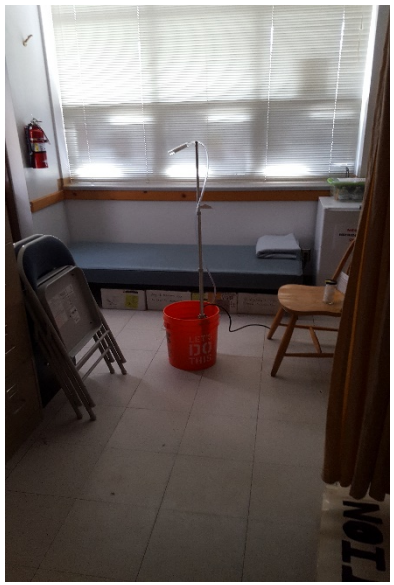
41017-03: Administration – Northwest Office.



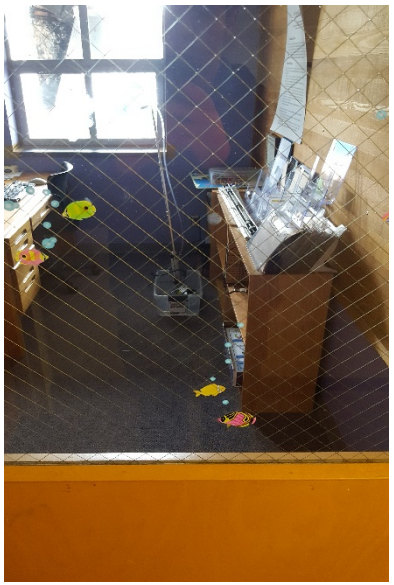
41017-04: Administration – Staff Room.



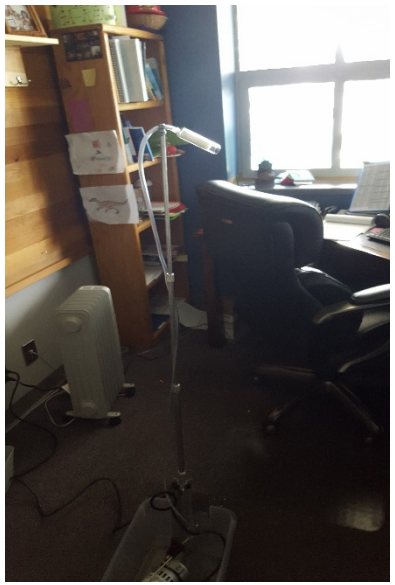
41017-05: Administration – Nurse.



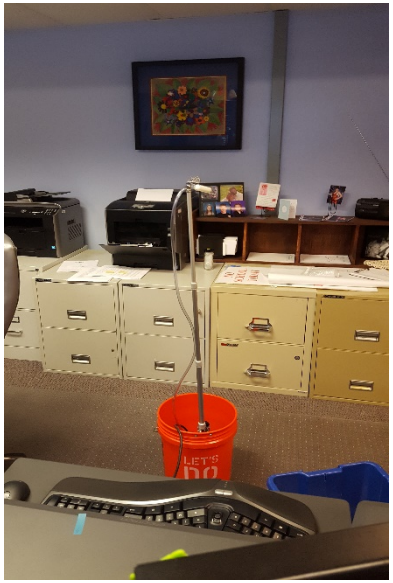
41017-06: Administration – Southeast Office.



41017-07: Administration – South Office.



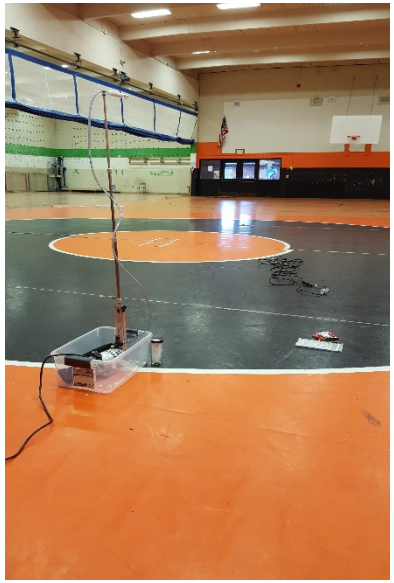
41017-08: Administration – Conference Room.



41017-09: Administration – Administration Room.



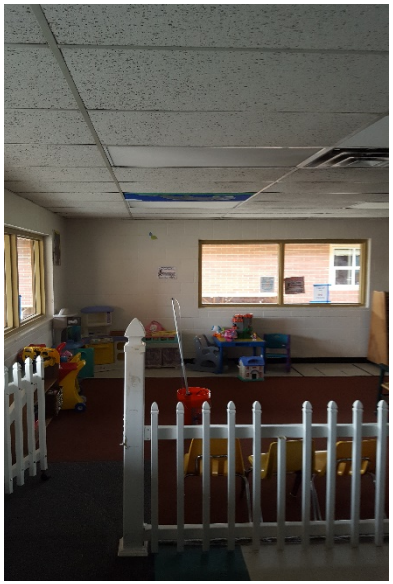
41017-10: Gym – Girls Locker.



41017-11: Gym – Small Gym.



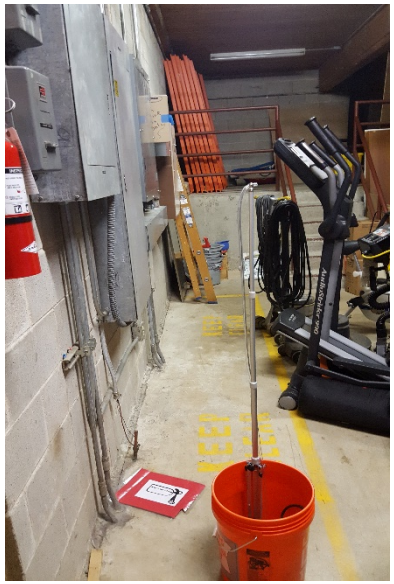
41017-12: Gym – CTE.



41017-13: Gym – Daycare.



41017-14: Gym – Girls Locker Room Storage.



41017-15: Gym – Small Gym Electrical.



41017-16: Administration – Room B



41017-17: Administration – Room A.



41117-01: Annex – Room D.



41117-02: Annex – Room C.



41117-03: Annex – Room B Office.



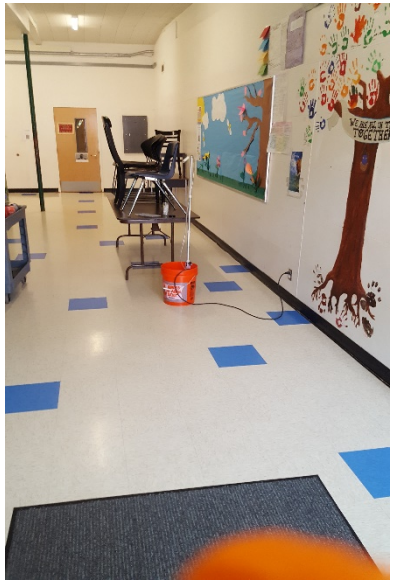
41117-04: Annex – Room F.



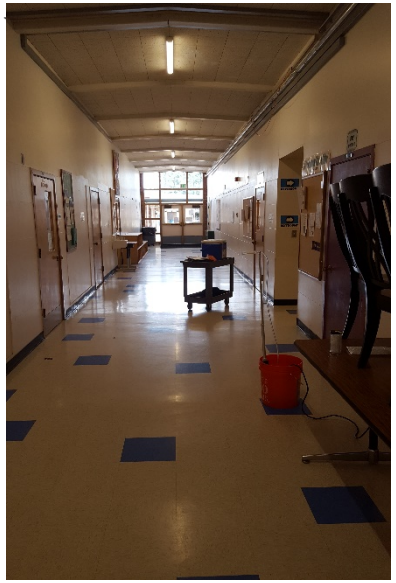
41117-05: Annex – Room E West.



41117-06: Annex – Room E East.



41117-07: Annex – North Hallway.



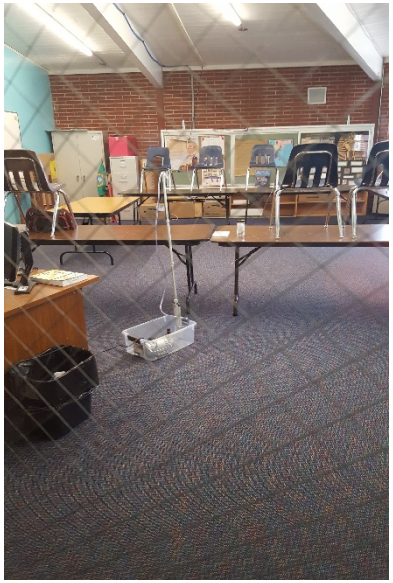
41117-08: Annex – South Hallway.



41117-09: Annex – Boys Bathroom.



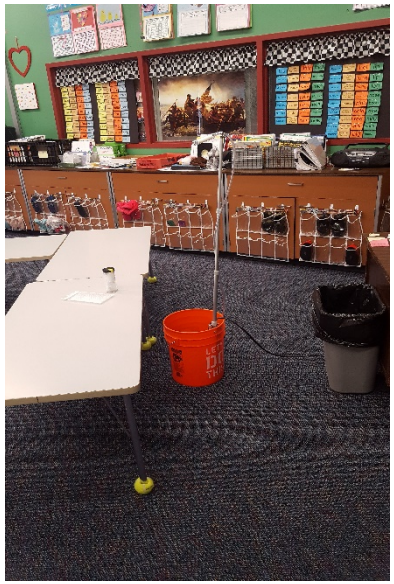
41117-10: Pod – Room 14.



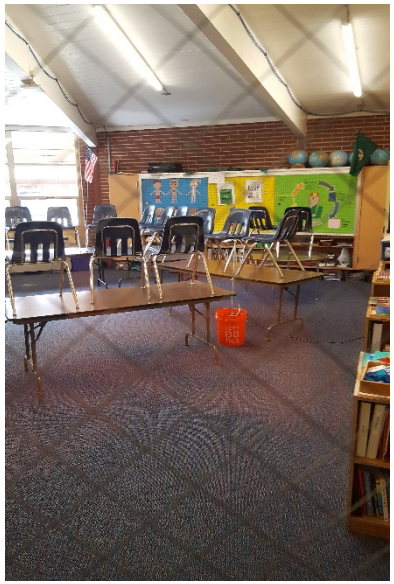
41117-11: Pod – Room 15.



Past photo of sample location for 41117-12: Pod – Room 16



41117-13: Pod – Room 17.



41117-14: Pod – Room 18.



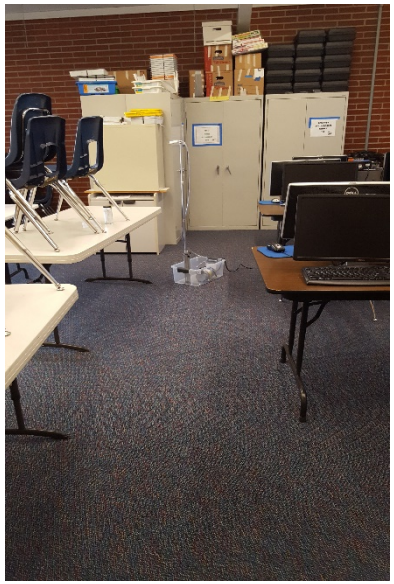
41117-15: Pod – Room 19.



41117-16: Pod – Room 20.



41117-17: Pod – North Pod Center.



41217-01: Pod – Room 1.



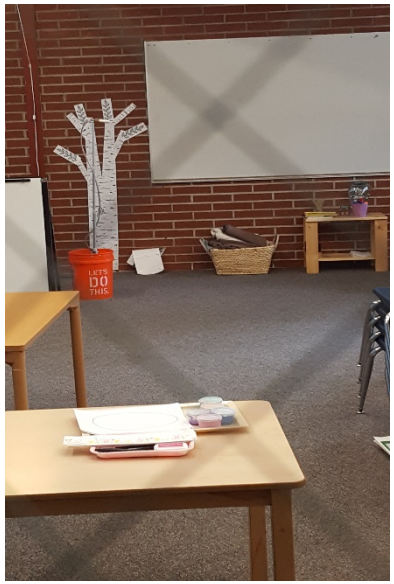
41217-02: Pod – Room 2.



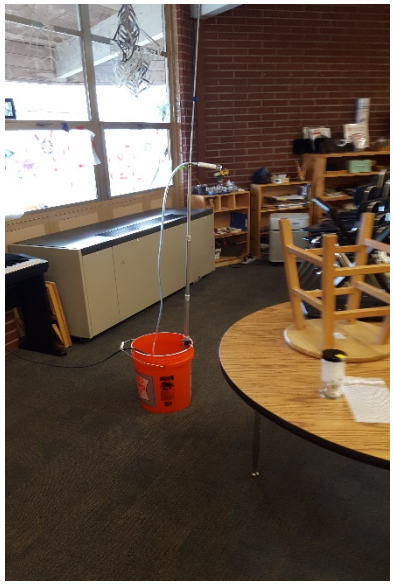
41217-03: Pod – Room 3.



41217-04: Pod – Room 4.



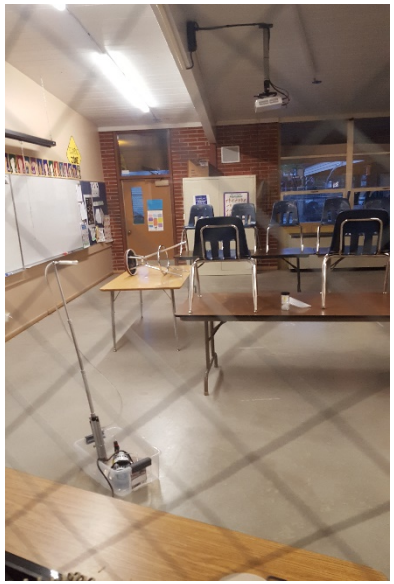
41217-05: Pod – Room 5
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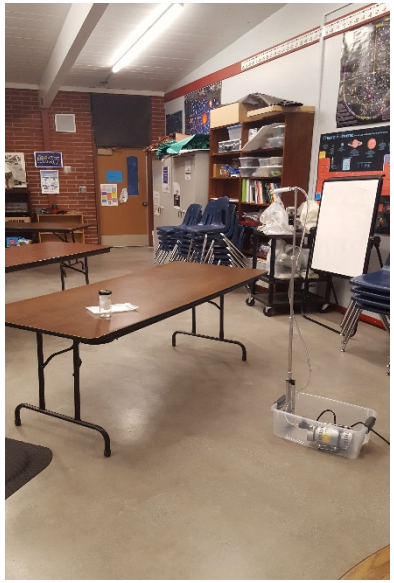
41217-06: Pod – Room 6.



41217-07: Pod – Room 7.



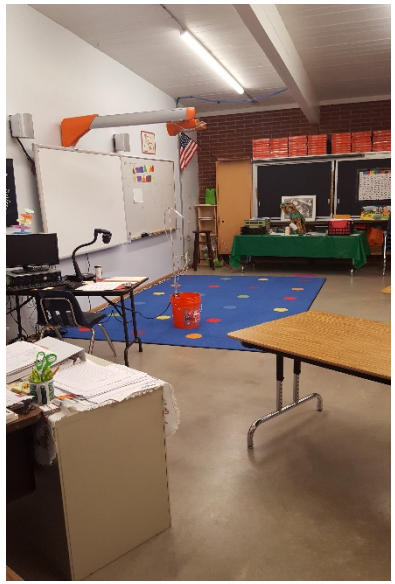
41217-08: Pod – Room 8.



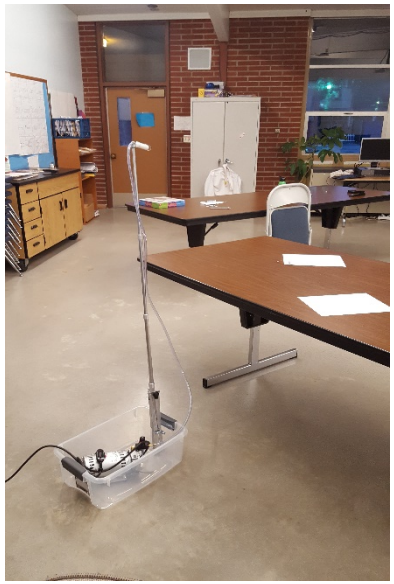
41217-09: Pod – Room 9.



41217-10: Pod – Room 10.



41217-11: Pod – Room 11.



41217-12: Pod – Room 12.



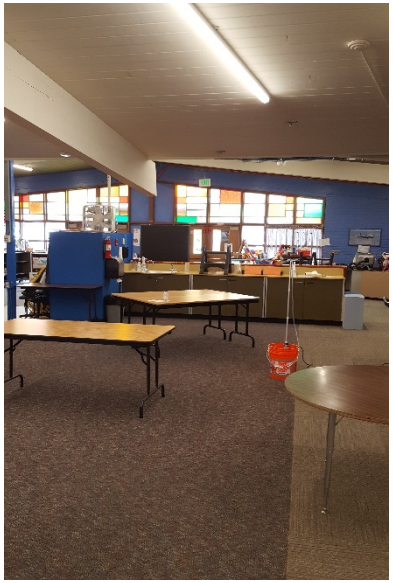
41217-13: Pod – Room 13.
.



41217-14: Pod – East Pod Center.



41217-15: Pod – South Pod Center.



41217-16: Pod – Library.

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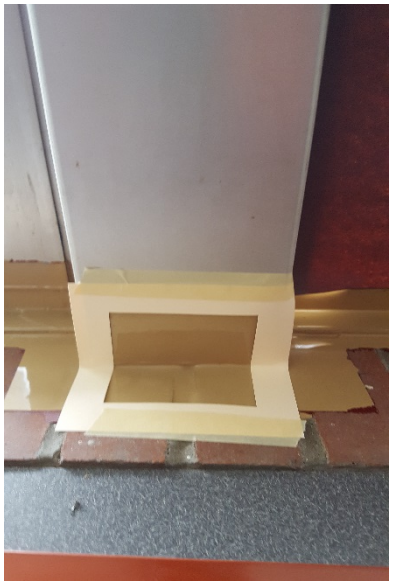
Attachment B

Site Photographs
Wipe Samples

P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net



41217-01W: Annex-Prep Room F on window frame and wall.



41217-02W: Annex-Room E West on wall and window sill.



41217-03W: Admin-Nurse on wall and window sill.



41217-04W Admin – NW Staff Room one wall and window sill.



41217-05W: Gym – Girls Lockers Storage on wall.



41217-06W: Gym – Gathering Place, south above window.



41217-07W: Gym – Daycare on concrete beam



41017-08W: POD Room 1 on wall adjacent to the window.



41217-09W: POD- Room 5 on wall adjacent to the window.



41217-10W: POD - Room 10, below window on the wall.



41217-11W: POD – Room 12 on the window frame and wall.



41217-12W: POD – Room 15 on the window frame and wall.



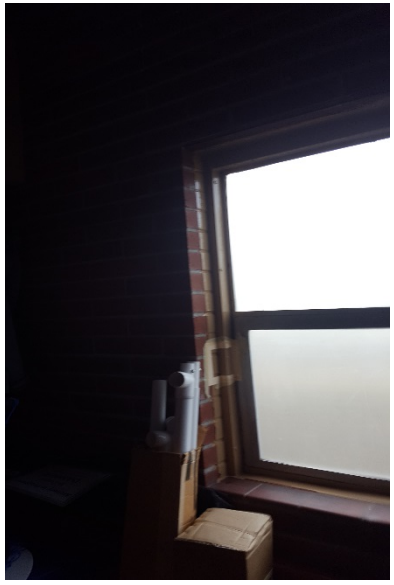
41217-13W: POD – Room 18 on window frame and wall.



41217-14W: POD – Room 19 below window.



41217-17W: Annex – Prep Room window and wall.



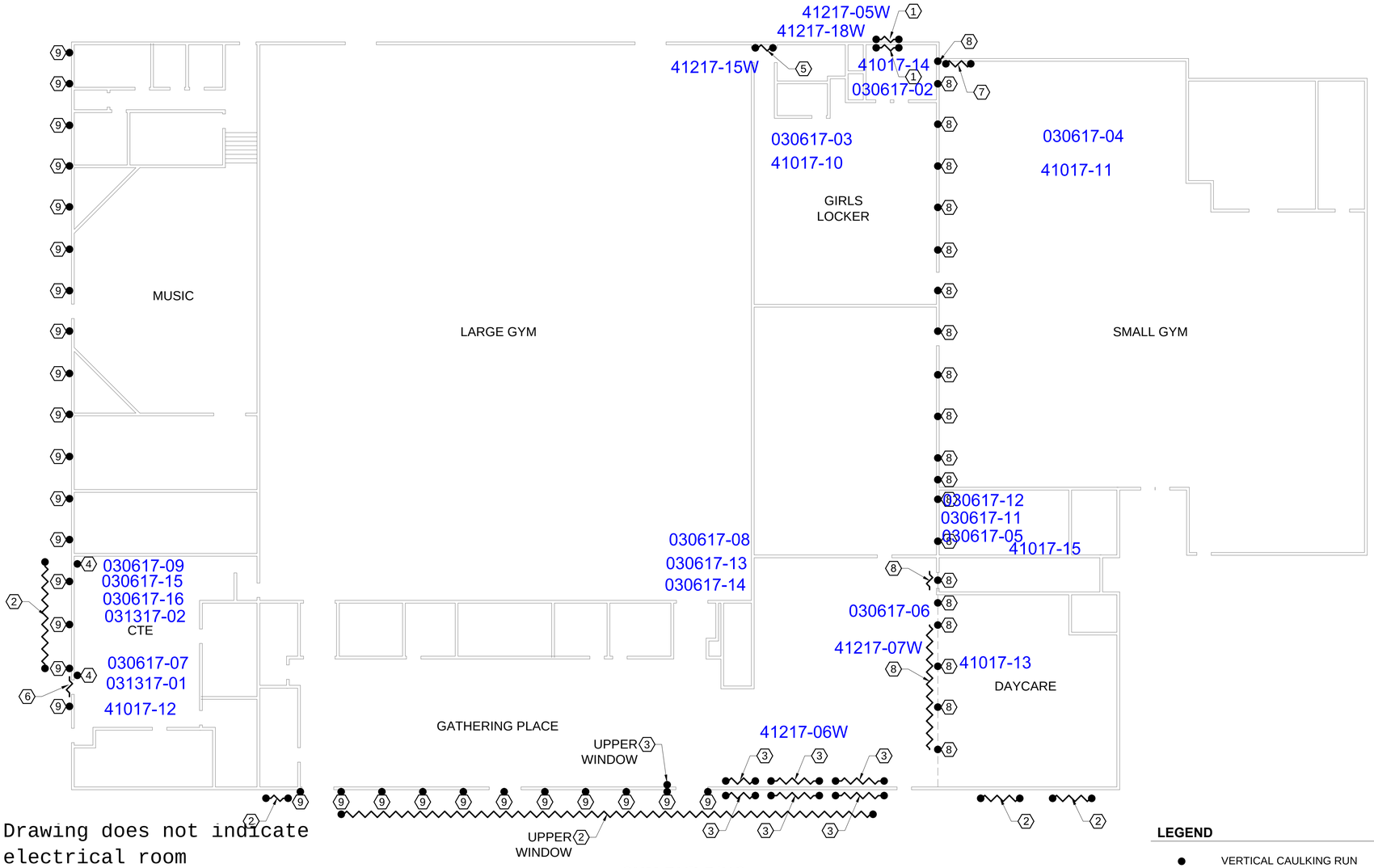
41217-18W: Gym – Girls Locker Room Storage at window.

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Attachment C

Sample Figures

P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net



Drawing does not indicate electrical room

GYM BUILDING

NOT TO SCALE

Sample	Location	Air/Wipe	Result
41017-10	Gym-Girls Locker Room	Air	< 0.048 ng/m^3
41017-11	Gym-Small Gym	Air	< 0.048 ng/m^3
41017-12	Gym-CTE	Air	< 0.048 ng/m^3
41017-13	Gym-Daycare	Air	< 0.048 ng/m^3
41017-14	Gym-Girls Locker Storage	Air	< 0.048 ng/m^3
41017-15	Gym-Small Gym Electrical	Air	< 0.048 ng/m^3
41017-16	Gym-Annex Room B	Air	< 0.048 ng/m^3
41017-17	Gym-Annex Room A	Air	< 0.048 ng/m^3
41217-05W	Gym-Girls Locker Storage	Wipe	< 1.0 µg/sample
41217-06W	Gym-South Window	Wipe	< 1.0 µg/sample
41217-07W	Gym Daycare Beam	Wipe	< 1.0 µg/sample
41217-15W	Gym-Girls Locker Room Door	Wipe	Sample Collected in Error, Sample Not Analyzed
41217-18W	Annex-Girls Locker Room Storage B	Wipe	< 1.0 µg/sample

FULCRUM environmental consulting

Figure provided by Monroe School District

GENERAL NOTES

1. ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
2. REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
3. ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
4. THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

KEY NOTES

1. REMOVE APPROX. 20 LF OF PCB-CONTAINING CAULKING LOCATED ON THE EXTERIOR AND INTERIOR METAL WINDOW FRAME ON THE GIRLS LOCKER ROOM NORTH PERIMETER WINDOW AS SHOWN.
2. REMOVE APPROX. 300 LF OF PCB-CONTAINING CAULKING ON THE EXTERIOR METAL WINDOW FRAMES ON ALL WINDOWS AT THE SOUTH AND WEST ELEVATIONS OF THE LARGE GYM BUILDING AS SHOWN. THIS INCLUDES CAULKING THAT EXISTS AROUND EACH WINDOW INFILL PANEL METAL FRAME TRANSITION ON THE WEST ELEVATION. THESE INFILL PANELS ARE CEMENT ASBESTOS BOARD.
3. REMOVE APPROX. 40 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR SIDE OF THE THREE LOWER WINDOWS AND THE UPPER WINDOW BANK EAST VERTICAL IN THE GATHERING PLACE AS SHOWN.
4. REMOVE APPROX. 10 LF OF PCB-CONTAINING OF CAULK ON INTERIOR WINDOW FRAME VERTICALS IN THE CTE ROOM AS SHOWN.
5. REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON INTERIOR SIDE OF NORTH EXTERIOR GIRLS LOCKER ENTRY DOOR AS SHOWN.
6. REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON EXTERIOR SIDE OF NORTH CTE ENTRY DOOR AS SHOWN.
7. REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON THE INTERIOR SIDE OF THE NORTHWEST PERIMETER ENTRY DOOR FRAME OF THE SMALL GYM AS SHOWN.
8. REMOVE APPROX. 500 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL VERTICAL STRUCTURAL METAL COLUMN TRANSITIONS THROUGHOUT THE EAST ELEVATION OF THE LARGE GYM AS SHOWN. THIS INCLUDES THE REMOVAL OF ALL CAULKING ON THE INTERIOR DEMISING WALL METAL BEAMS (VERTICAL AND HORIZONTAL) BETWEEN THE DAYCARE AND THE GATHERING PLACE/CAFETERIA AS SHOWN. THE CAULKING IS HEAVILY PAINTED THROUGHOUT THE WORK SCOPE AREA.
9. REMOVE APPROX. 780 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL EXTERIOR VERTICAL STRUCTURAL METAL COLUMN TRANSITIONS THROUGHOUT THE LOWER WEST AND SOUTH ELEVATIONS OF THE LARGE GYM BUILDING AS SHOWN.

LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN!
- ## SAMPLE LOCATION

Sample	Location	Air/Wipe	Result
030617-02	Storage in Girls Locker Room	Air	No PCBs Present
030617-03	Girls Locker Room	Air	No PCBs Present
030617-04	Small Gym	Air	No PCBs Present
030617-05	Small Gym Electrical Room	Air	No PCBs Present
030617-06	Gathering Room	Air	No PCBs Present
030617-07	CTE	Air	HOLD / NOT ANALYZED
030617-08	Large Gym Electrical Room	Air	No PCBs Present
030617-09	CTE Electrical Room	Air	SAMPLE DAMAGED / NOT ANALYZED
030617-11	Small Gym Electrical Room	Wipe	No PCBs Present
030617-12	Small Gym Electrical Room	Wipe	No PCBs Present
030617-13	Large Gym Electrical Room	Wipe	No PCBs Present
030617-14	Large Gym Electrical Room	Wipe	Aroclor 1260 at 5.2 ug/100 cm2
030617-15	CTE Electrical Room	Wipe	No PCBs Present
030617-16	CTE Electrical Room	Wipe	Aroclor 1260 at 8.5 ug/100 cm2
031317-01	CTE	Air	No PCBs Present
031317-02	CTE Electrical Room	Air	No PCBs Present

NOT TO SCALE

MONROE SCHOOL DISTRICT

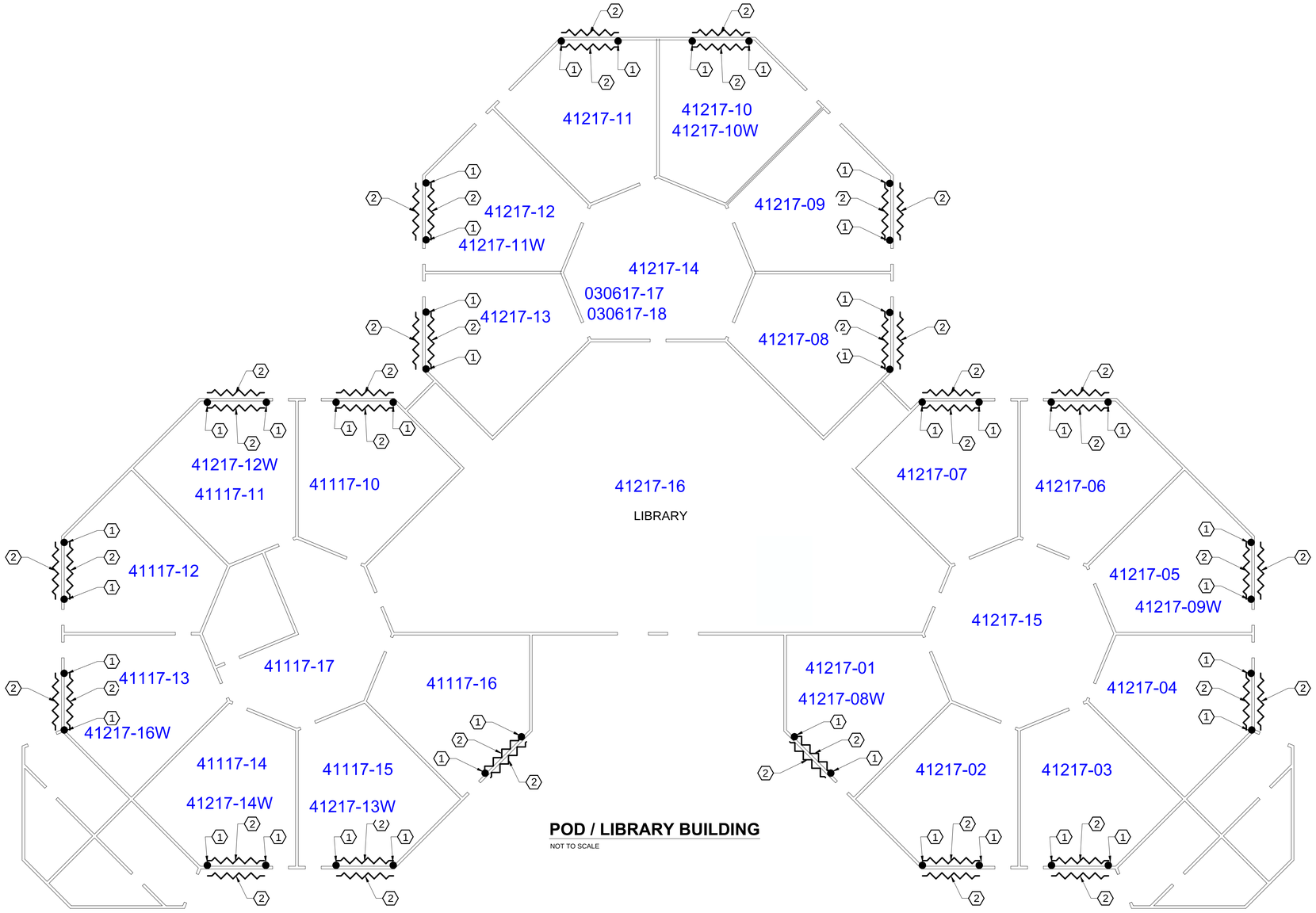
GYM BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2016
DWG NO.	HM1
SHEET NO.	1 OF 5

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POD / LIBRARY BUILDING

NOT TO SCALE

GENERAL NOTES

1. ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
2. REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
3. ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
4. THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

KEY NOTES

(1) REMOVE APPROX. 500 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR PERIMETER METAL WINDOW FRAME TO BRICK TRANSITION VERTICALS IN EACH OF CLASSROOMS 1-20 AS SHOWN.

(2) REMOVE APPROX. 1,400 LF OF PCB-CONTAINING CAULKING ON THE INTERIOR AND EXTERIOR SIDES OF THE CEMENT ASBESTOS BOARD (CAB) WINDOW INFILL PANELS. THE CAULKING FILLS THE GAP BETWEEN THE METAL WINDOW FRAME AND CAB TRANSITION IN EACH OF CLASSROOMS 1-20 AS SHOWN.

LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN
- ## SAMPLE LOCATION

Sample	Location	Air/Wipe	Result
030617-10	West POD Mezzanine	Air	< 0.14 ng/m^3
030617-17	West POD Mezzanine	Wipe	< 0.14 ng/m^3
030617-18	West POD Mezzanine	Wipe	< 0.14 ng/m^3
41117-10	POD-14	Air	< 0.14 ng/m^3
41117-11	POD-15	Air	< 0.14 ng/m^3
41117-12	POD-16	Air	< 0.14 ng/m^3
41117-13	POD-17	Air	< 0.14 ng/m^3
41117-14	POD-18	Air	< 0.14 ng/m^3
41117-15	POD-19	Air	< 0.14 ng/m^3
41117-16	POD-20	Air	< 0.14 ng/m^3
41117-17	POD-North POD Center	Air	< 0.14 ng/m^3

Sample	Location	Air/Wipe	Result
41217-01	POD-Room 1	Air	< 0.14 ng/m^3
41217-02	POD-Room 2	Air	< 0.14 ng/m^3
41217-03	POD-Room 3	Air	< 0.14 ng/m^3
41217-04	POD-Room 4	Air	< 0.14 ng/m^3
41217-05	POD-Room 5	Air	< 0.14 ng/m^3
41217-06	POD-Room 6	Air	< 0.14 ng/m^3
41217-07	POD-Room 7	Air	< 0.14 ng/m^3
41217-08	POD-Room 8	Air	< 0.14 ng/m^3
41217-09	POD-Room 9	Air	< 0.14 ng/m^3
41217-10	POD-Room 10	Air	< 0.14 ng/m^3
41217-11	POD-Room 11	Air	< 0.24 ng/m^3
41217-12	POD-Room 12	Air	< 0.14 ng/m^3
41217-13	POD-Room 13	Air	< 0.14 ng/m^3
41217-14	POD-East POD Center	Air	< 0.14 ng/m^3
41217-15	POD-South POD Center	Air	< 0.14 ng/m^3
41217-16	POD-Library	Air	< 0.14 ng/m^3

Sample	Location	Air/Wipe	Result
41217-08W	POD-Room 1	Wipe	< 1.0 µg/sample
41217-09W	POD-Room 5	Wipe	< 1.0 µg/sample
41217-10W	POD-Room 10	Wipe	< 1.0 µg/sample
41217-11W	POD-Room 12	Wipe	< 1.0 µg/sample
41217-12W	POD-Room 15	Wipe	< 1.0 µg/sample
41217-13W	POD-Room 18	Wipe	< 1.0 µg/sample
41217-14W	POD-Room 19	Wipe	< 1.0 µg/sample
41217-16W	POD-Room 17	Wipe	Sample Collected in Error, Sample Not Analyzed

FULCRUM environmental consulting

Figure provided by Monroe School District

NOT TO SCALE

MONROE SCHOOL DISTRICT

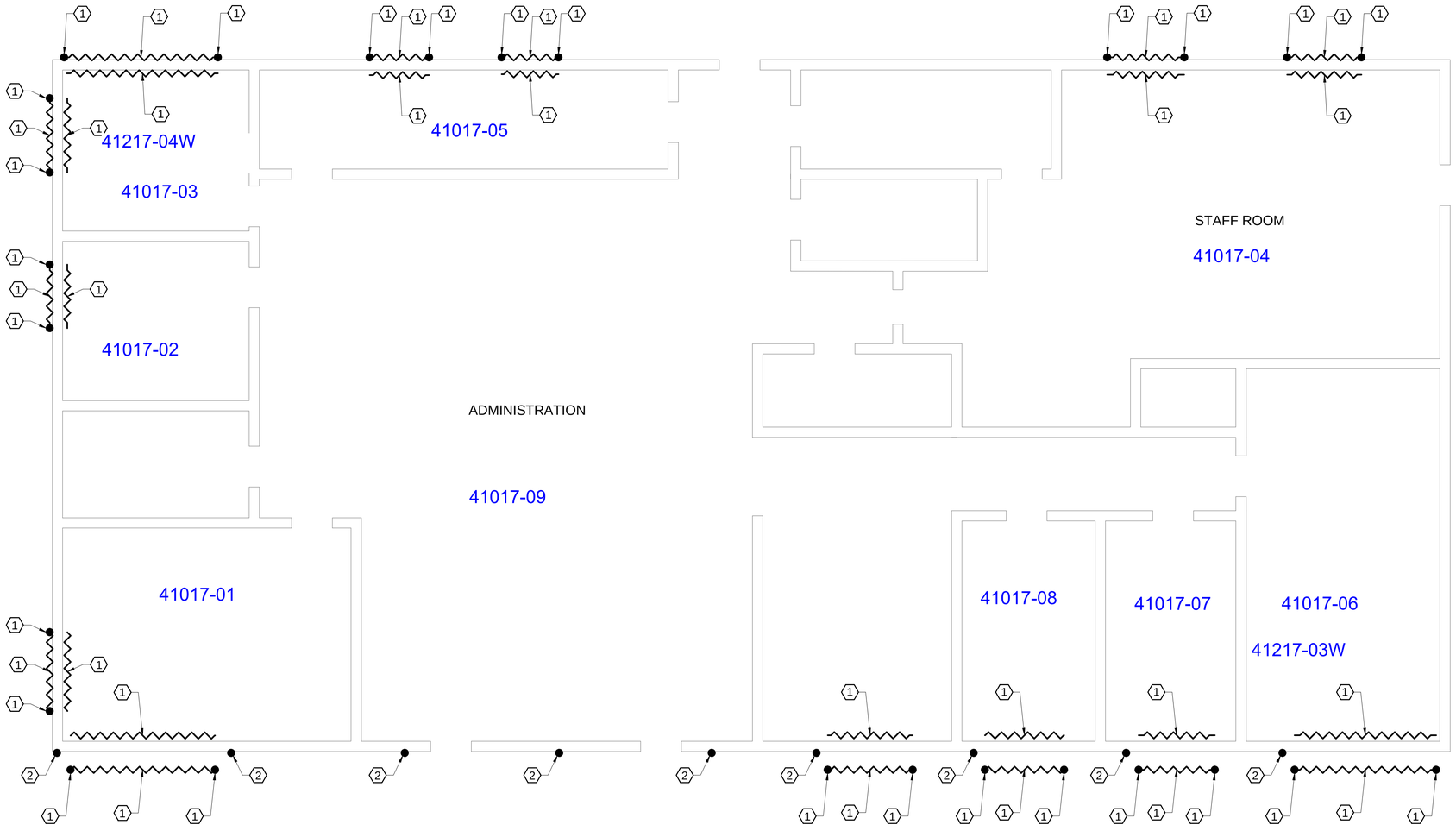
POD/LIBRBAY BUILDING
CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2016
DWG NO.	HM2
SHEET NO.	2 OF 5

L:\Projects\41000\41373 Monroe\SD\CAD\41373.000_Caulking locations.dwg Jun 16, 2016 05:11pm jwbnd



ADMIN BUILDING

NOT TO SCALE

GENERAL NOTES

1. ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
2. REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
3. ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
4. THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

KEY NOTES

(1) REMOVE APPROX. 400 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL INTERIOR METAL WINDOW SILL TRANSITIONS AND ALL EXTERIOR METAL WINDOW FRAME TRANSITIONS THROUGHOUT THE ADMINISTRATION BUILDING AS SHOWN.

(2) REMOVE APPROX. 175 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL EXTERIOR VERTICAL STRUCTURAL METAL BEAM TRANSITIONS THROUGHOUT THE ADMINISTRATION BUILDING AS SHOWN.

LEGEND

- VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN!
- ## SAMPLE LOCATION

Sample	Location	Air/Wipe	Result
41017-01	Adm. Southwest Office	Air	< 0.048 ng/m^3
41017-02	Adm. West Office	Air	< 0.048 ng/m^3
41017-03	Adm. Northwest Office	Air	< 0.048 ng/m^3
41017-04	Adm. Staff Room	Air	< 2.4 ng/m^3
41017-05	Adm. Nurse	Air	< 0.048 ng/m^3
41017-06	Adm. Southeast Office	Air	< 0.048 ng/m^3
41017-07	Adm. South Office	Air	< 0.48 ng/m^3
41017-08	Adm. Conference	Air	< 0.048 ng/m^3
41017-09	Adm. Administration Room	Air	< 0.048 ng/m^3
41217-01W	Annex-Prep Room F	Wipe	< 1.0 µg/sample
41217-02W	Annex-Room E West	Wipe	< 1.0 µg/sample
41217-03W	Adm-Nurse	Wipe	< 1.0 µg/sample
41217-04W	Adm-Northwest Office	Wipe	< 1.0 µg/sample

Figure provided by Monroe School District

FULCRUM environmental consulting

NOT TO SCALE

MONROE SCHOOL DISTRICT

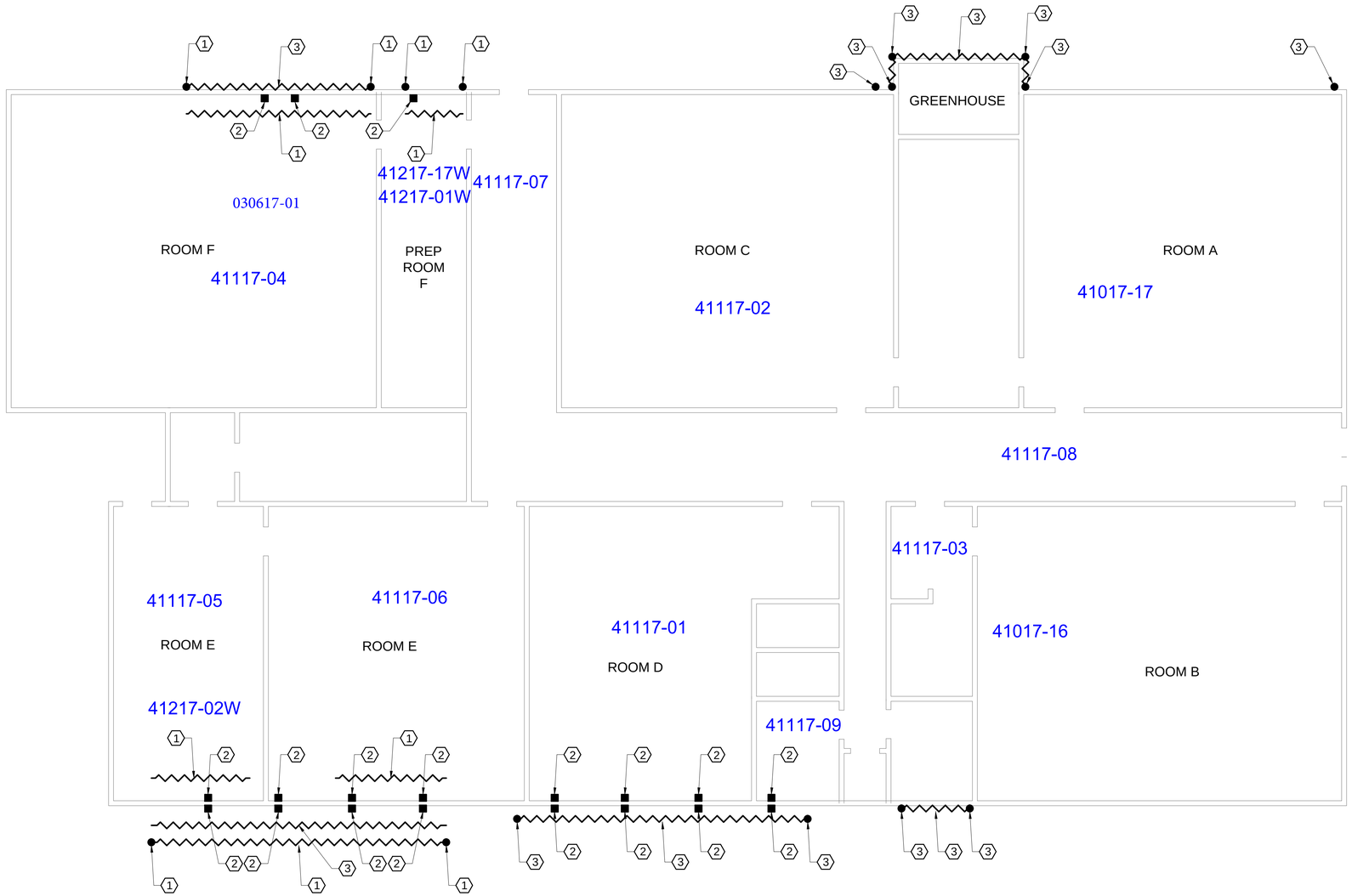
ADMIN BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2016
DWG NO.	HM3
SHEET NO.	3 OF 5

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ANNEX BUILDING

NOT TO SCALE

Sample	Location	Air/Wipe	Result
030617-01	Annex-Room F	Air	No PCBs Present
41117-01	Annex-Room D	Air	< 0.14 ng/m^3
41117-02	Annex-Room C	Air	< 0.14 ng/m^3
41117-03	Annex-Room B Office	Air	< 0.14 ng/m^3
41117-04	Annex-Room F	Air	< 0.14 ng/m^3
41117-05	Annex-Room E West	Air	< 0.14 ng/m^3
41117-06	Annex-Room E East	Air	< 0.14 ng/m^3
41117-07	Annex-North Hallway	Air	< 0.14 ng/m^3
41117-08	Annex-Southeast Hallway	Air	< 0.14 ng/m^3
41117-09	Annex-Boys Restroom	Air	< 0.14 ng/m^3
41217-17W	Annex-Prep Room F-B	Wipe	< 1.0 µg/sample

GENERAL NOTES

1. ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
2. REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
3. ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
4. THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

KEY NOTES

(1) REMOVE APPROX. 200 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR PERIMETER METAL WINDOW FRAME TRANSITIONS. THIS INCLUDES REMOVAL OF CAULKING WHICH EXISTS ON EXTERIOR METAL WINDOW FRAME TRANSITIONS ON THE NORTH AND SOUTH BUILDING ELEVATION WINDOWS AS SHOWN.

(2) REMOVE APPROX. 80 LF OF PCB-CONTAINING CAULKING ON WOOD CEILING/SOFFIT BEAMS AT PERIMETER WALL/CEILING TRANSITIONS IN ROOMS E, F AND PREP ROOM F AS SHOWN.

(3) REMOVE APPROX. 300 LF OF PCB AND ASBESTOS-CONTAINING TAN CAULKING LOCATED ON VARIOUS VERTICAL AND HORIZONTAL METAL WINDOW FRAME TRANSITIONS ON THE NORTH AND SOUTH ELEVATIONS OF THE ANNEX BUILDING AS SHOWN.

LEGEND

- ● VERTICAL CAULKING RUN
- HORIZONTAL CAULKING RUN
- ## SAMPLE LOCATION

NOT TO SCALE

FULCRUM environmental consulting

MONROE SCHOOL DISTRICT

ANNEX BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

PROJECT:	41373.000
DRAWN:	JHD
CHECKED:	GM
DATE:	JUNE 2016
DWG NO.	HM4
SHEET NO.	4 OF 5

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FULCRUM
environmental consulting

Attachment D

ALS Global Cincinnati Laboratory Reports
Air Samples

P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

25-Apr-2017

Ryan Mathews
Fulcrum Environmental Consulting
406 N. 2nd Street
Yakima, WA 98901

Tel: (509) 574-0839
Fax:

Re: Sky Valley Edu Center; PN 172070.01 Work Order: **1704300**

Dear Ryan,

ALS Environmental received 19 samples on 11-Apr-2017 09:56 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 25.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Shawn Smythe

Shawn Smythe
Project Manager

ALS Environmental

Date: 25-Apr-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Work Order: **1704300**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1704300-01	41017-ADM-SW OFFICE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-02	41017-ADM-W OFFICE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-03	41017-ADM-NW OFFICE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-04	41017-ADM-STAFF RM	Air		4/10/2017	4/11/2017 09:56	☐
1704300-05	41017-ADM-NURSE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-06	41017-ADM-SE OFFICE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-07	41017-ADM-S OFFICE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-08	41017-ADM-CONFERENCE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-09	41017-ADM-ADMINISTRATION RM	Air		4/10/2017	4/11/2017 09:56	☐
1704300-10	41017-GYM-GIRLS LOCKER	Air		4/10/2017	4/11/2017 09:56	☐
1704300-11	41017-GYM-SMALL GYM	Air		4/10/2017	4/11/2017 09:56	☐
1704300-12	41017-GYM-CTE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-13	41017-GYM-DAYCARE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-14	41017-GYM-GIRLS LOCKER STORAGE	Air		4/10/2017	4/11/2017 09:56	☐
1704300-15	41017-GYM-SMALL GYM ELETRICAL	Air		4/10/2017	4/11/2017 09:56	☐
1704300-16	41017-GYM-ANX-RM-B	Air		4/10/2017	4/11/2017 09:56	☐
1704300-17	41017-GYM-ANX-RM-A	Air		4/10/2017	4/11/2017 09:56	☐
1704300-18	41017-FB	Air		4/10/2017	4/11/2017 09:56	☐
1704300-19	41017-LB	Air		4/10/2017	4/11/2017 09:56	☐

ALS Environmental

Date: 25-Apr-17

Client:	Fulcrum Environmental Consulting
Project:	Sky Valley Edu Center; PN 172070.01
Work Order:	1704300

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-SW OFFICE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-01
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.10	<0.000048	
Aroclor 1221	ND	0.10	<0.000048	
Aroclor 1232	ND	0.10	<0.000048	
Aroclor 1242	ND	0.10	<0.000048	
Aroclor 1248	ND	0.10	<0.000048	
Aroclor 1254	ND	0.10	<0.000048	
Aroclor 1260	ND	0.10	<0.000048	
Aroclor 1262	ND	0.10	<0.000048	
Aroclor 1268	ND	0.10	<0.000048	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-W OFFICE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-02
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-NW OFFICE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-03
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.10	<0.000048	
Aroclor 1221	ND	0.10	<0.000048	
Aroclor 1232	ND	0.10	<0.000048	
Aroclor 1242	ND	0.10	<0.000048	
Aroclor 1248	ND	0.10	<0.000048	
Aroclor 1254	ND	0.10	<0.000048	
Aroclor 1260	ND	0.10	<0.000048	
Aroclor 1262	ND	0.10	<0.000048	
Aroclor 1268	ND	0.10	<0.000048	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-STAFF RM
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-04
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	5.0	<0.0024	
Aroclor 1221	ND	5.0	<0.0024	
Aroclor 1232	ND	5.0	<0.0024	
Aroclor 1242	ND	5.0	<0.0024	
Aroclor 1248	ND	5.0	<0.0024	
Aroclor 1254	ND	5.0	<0.0024	
Aroclor 1260	ND	5.0	<0.0024	
Aroclor 1262	ND	5.0	<0.0024	
Aroclor 1268	ND	5.0	<0.0024	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-NURSE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-05
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.10	<0.000048	
Aroclor 1221	ND	0.10	<0.000048	
Aroclor 1232	ND	0.10	<0.000048	
Aroclor 1242	ND	0.10	<0.000048	
Aroclor 1248	ND	0.10	<0.000048	
Aroclor 1254	ND	0.10	<0.000048	
Aroclor 1260	ND	0.10	<0.000048	
Aroclor 1262	ND	0.10	<0.000048	
Aroclor 1268	ND	0.10	<0.000048	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-SE OFFICE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-06
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.10	<0.000048	
Aroclor 1221	ND	0.10	<0.000048	
Aroclor 1232	ND	0.10	<0.000048	
Aroclor 1242	ND	0.10	<0.000048	
Aroclor 1248	ND	0.10	<0.000048	
Aroclor 1254	ND	0.10	<0.000048	
Aroclor 1260	ND	0.10	<0.000048	
Aroclor 1262	ND	0.10	<0.000048	
Aroclor 1268	ND	0.10	<0.000048	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-S OFFICE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-07
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	1.0	<0.00048	
Aroclor 1221	ND	1.0	<0.00048	
Aroclor 1232	ND	1.0	<0.00048	
Aroclor 1242	ND	1.0	<0.00048	
Aroclor 1248	ND	1.0	<0.00048	
Aroclor 1254	ND	1.0	<0.00048	
Aroclor 1260	ND	1.0	<0.00048	
Aroclor 1262	ND	1.0	<0.00048	
Aroclor 1268	ND	1.0	<0.00048	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-CONFERENCE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-08
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-ADM-ADMINISTRATION RM
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-09
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-GIRLS LOCKER
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-10
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-SMALL GYM
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-11
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-CTE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-12
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-DAYCARE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-13
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.10	<0.000048	
Aroclor 1221	ND	0.10	<0.000048	
Aroclor 1232	ND	0.10	<0.000048	
Aroclor 1242	ND	0.10	<0.000048	
Aroclor 1248	ND	0.10	<0.000048	
Aroclor 1254	ND	0.10	<0.000048	
Aroclor 1260	ND	0.10	<0.000048	
Aroclor 1262	ND	0.10	<0.000048	
Aroclor 1268	ND	0.10	<0.000048	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-GIRLS LOCKER STORAGE
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-14
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-SMALL GYM ELETRICAL
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-15
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-ANX-RM-B
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-16
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.10	<0.000048	
Aroclor 1221	ND	0.10	<0.000048	
Aroclor 1232	ND	0.10	<0.000048	
Aroclor 1242	ND	0.10	<0.000048	
Aroclor 1248	ND	0.10	<0.000048	
Aroclor 1254	ND	0.10	<0.000048	
Aroclor 1260	ND	0.10	<0.000048	
Aroclor 1262	ND	0.10	<0.000048	
Aroclor 1268	ND	0.10	<0.000048	

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-GYM-ANX-RM-A
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-17
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/13/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.10	<0.000048
Aroclor 1221	ND	0.10	<0.000048
Aroclor 1232	ND	0.10	<0.000048
Aroclor 1242	ND	0.10	<0.000048
Aroclor 1248	ND	0.10	<0.000048
Aroclor 1254	ND	0.10	<0.000048
Aroclor 1260	ND	0.10	<0.000048
Aroclor 1262	ND	0.10	<0.000048
Aroclor 1268	ND	0.10	<0.000048

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-FB
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-18
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **0**	Analyst: **JEA**
Date Analyzed: 4/13/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.10	NA
Aroclor 1221	ND	0.10	NA
Aroclor 1232	ND	0.10	NA
Aroclor 1242	ND	0.10	NA
Aroclor 1248	ND	0.10	NA
Aroclor 1254	ND	0.10	NA
Aroclor 1260	ND	0.10	NA
Aroclor 1262	ND	0.10	NA
Aroclor 1268	ND	0.10	NA

Note:

ALS Environmental

Date: *25-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
Sample ID: 41017-LB
Collection Date: 4/10/2017

Work Order: 1704300
Lab ID: 1704300-19
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **0**	Analyst: **JEA**
Date Analyzed: 4/13/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.10	NA
Aroclor 1221	ND	0.10	NA
Aroclor 1232	ND	0.10	NA
Aroclor 1242	ND	0.10	NA
Aroclor 1248	ND	0.10	NA
Aroclor 1254	ND	0.10	NA
Aroclor 1260	ND	0.10	NA
Aroclor 1262	ND	0.10	NA
Aroclor 1268	ND	0.10	NA

Note:

ALS Environmental

Date: 25-Apr-17

Client: Fulcrum Environmental Consulting

QC BATCH REPORT

Work Order: 1704300

Project: Sky Valley Edu Center; PN 172070.01

Batch ID: **42426** Instrument ID: **GC3** Method: **ETO10A**

MBLK Sample ID: **MBLK-42426-42426** Units: **µg/sample** Analysis Date: **4/13/2017**

Client ID: Run ID: **GC3_170413C** SeqNo: **1482064** Prep Date: **4/12/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.10								
Aroclor 1221	ND	0.10								
Aroclor 1232	ND	0.10								
Aroclor 1242	ND	0.10								
Aroclor 1248	ND	0.10								
Aroclor 1254	ND	0.10								
Aroclor 1260	ND	0.10								
Aroclor 1262	ND	0.10								
Aroclor 1268	ND	0.10								
Surr: Decachlorobiphenyl	0.2317	0	*0.25*	0	*92.7*	*53.3-125*	0			
Surr: Tetrachloro-m-xylene	0.2023	0	*0.25*	0	*80.9*	*27.5-129*	0			

LCS Sample ID: **LCS-42426-42426** Units: **µg/sample** Analysis Date: **4/13/2017**

Client ID: Run ID: **GC3_170413C** SeqNo: **1482065** Prep Date: **4/12/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	4.214	0.10	4	0	105	50.3-120	0			
Surr: Decachlorobiphenyl	0.2374	0	*0.25*	0	*95*	*53.3-125*	0			
Surr: Tetrachloro-m-xylene	0.2083	0	*0.25*	0	*83.3*	*27.5-129*	0			

The following samples were analyzed in this batch:

1704300-01A	1704300-02A	1704300-03A
1704300-04A	1704300-05A	1704300-06A
1704300-07A	1704300-08A	1704300-09A
1704300-10A	1704300-11A	1704300-12A
1704300-13A	1704300-14A	1704300-15A
1704300-16A	1704300-17A	1704300-18A
1704300-19A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 172070.01
WorkOrder: **1704300**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/sample	

ALS Environmental

Sample Receipt Checklist

Client Name: **FULCRUM-YAKIMA** Date/Time Received: **11-Apr-17 09:56**

Work Order: **1704300** Received by: **JNW**

Checklist completed by: Stephanie Harrington 11-Apr-17 Reviewed by: Shawn Smythe 19-Apr-17

eSignature Date eSignature Date

Matrices:

Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	16.3		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

21020

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or
(513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

☐ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Page: 1 of 2

Date 4-10-17 Purchase Order No. _____ Quote No. _____

Company Name Fulcrum Environmental Sampling Site Sky Valley Edu Center

Address 406 N 2nd St Date/Time of Collection 4-10-17

Yakima (City) WA (State) 98901 (Zip) Project No. 172070.01

Send Report To Ryan Matthews Billing Address (if different)

Email Address Rmatthews@efulcrum.net

Telephone (509) 574-0859

Alt. Contact Name _____

Alt. Contact Info _____

1704300

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
01	41017-ADM-SWOffice	Tube, Puf	2100L	EPA Method TO-10A
02	41017-ADM-[redacted]Office		2100L	EPA Method TO-10A
03	41017-ADM-NWOffice			
04	41017-ADM-Staff RM			
05	41017-ADM-Nurse			
06	41017-ADM-SEoffice			
07	41017-ADM-S office			
08	41017-ADM-Conference			
09	41017-ADM-Administration RM			
10	41017-GYM-Girls Lakers			
11	41017-GYM-Small GYM			
12	41017-GYM-CTE			
13	41017-GYM-Daycare			
14	41017-GYM-Girls locker storage			
15	41017-GYM-small GYM Electrical			
16				

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bost	4-10-17 4:05	ALS	4/11/17 0956
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY

COOLER TEMP: 16.3°C pH ADJUSTMENTS:

COOLING METHOD: NONE (COOLER) WET ICE DRY ICE (ICE PACK)

DELIVERY METHOD: CLIENT DROP BOX FEDEX (UPS) STD MAIL PRTY MAIL ALS COURIER OTHER: _____

CUSTODY SEALS: (NONE) COOLER PACKAGE SAMPLES

EQUIP. RETURNED:

21021

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or
(513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date 4-10-17 Purchase Order No. _____

Company Name Fulcrum Environmental

Address 406 N 2nd St Yakima WA 98908

City State Zip

Send Report To Ryan Mathews

Email Address RMathews@fulcrum.net

Telephone (509) 574-0839

Alt. Contact Name _____

Alt. Contact Info _____

Quote No. _____

Sampling Site SKy Valley Edu Center

Date/Time of Collection 4-10-17

Project No. 172070.01

Billing Address (if different)

1704300

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
16	41017-ANX-RM-B		2100 L	TO-10a ↓
17	41017-ANx-RM-A		2100 L	
18	41017-[redacted]-FB			
19	41017-LB			

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Ryan	4-10-17 - 1400	JMO ALS	4/11/17 0956
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY						DELIVERY METHOD:	CLIENT	DROP BOX	FEDEX	UPS
COOLER TEMP:	°C	pH ADJUSTMENTS:				STD MAIL	PRTY MAIL	ALS	COURIER	OTHER:
						CUSTODY SEALS:	NONE	COOLER	PACKAGE	SAMPLES
COOLING METHOD:	NONE	COOLER	WET ICE	DRY ICE	ICE PACK	EQUIP. RETURNED:				

28-Apr-2017

Ryan Mathews
Fulcrum Environmental Consulting
406 N. 2nd Street
Yakima, WA 98901

Tel: (509) 574-0839
Fax:

Re: Sky Valley Edu Center; PN 17-2070.01 Work Order: **1704352**

Dear Ryan,

ALS Environmental received 19 samples on 12-Apr-2017 10:06 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 25.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Shawn Smythe

Shawn Smythe
Project Manager

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Work Order: **1704352**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1704352-01	41117-ANX-RoomD	Air		4/11/2017	4/12/2017 10:06	☐
1704352-02	41117-ANX-RoomC	Air		4/11/2017	4/12/2017 10:06	☐
1704352-03	41117-ANX-RoomBOffice	Air		4/11/2017	4/12/2017 10:06	☐
1704352-04	41117-ANX-RoomF	Air		4/11/2017	4/12/2017 10:06	☐
1704352-05	41117-ANX-RoomEWest	Air		4/11/2017	4/12/2017 10:06	☐
1704352-06	41117-ANX-RoomEEast	Air		4/11/2017	4/12/2017 10:06	☐
1704352-07	41117-ANX-Nhallway	Air		4/11/2017	4/12/2017 10:06	☐
1704352-08	41117-ANX-SEHallway	Air		4/11/2017	4/12/2017 10:06	☐
1704352-09	41117-ANX-BoysBathroom	Air		4/11/2017	4/12/2017 10:06	☐
1704352-10	41117-POD-14	Air		4/11/2017	4/12/2017 10:06	☐
1704352-11	41117-POD-15	Air		4/11/2017	4/12/2017 10:06	☐
1704352-12	41117-POD-16	Air		4/11/2017	4/12/2017 10:06	☐
1704352-13	41117-POD-17	Air		4/11/2017	4/12/2017 10:06	☐
1704352-14	41117-POD-18	Air		4/11/2017	4/12/2017 10:06	☐
1704352-15	41117-POD-19	Air		4/11/2017	4/12/2017 10:06	☐
1704352-16	41117-POD-20	Air		4/11/2017	4/12/2017 10:06	☐
1704352-17	41117-POD-North POD Center	Air		4/11/2017	4/12/2017 10:06	☐
1704352-18	41117-Field Blank	Air		4/11/2017	4/12/2017 10:06	☐
1704352-19	41117-Lab Blank	Air		4/11/2017	4/12/2017 10:06	☐

ALS Environmental

Date: 28-Apr-17

Client:	Fulcrum Environmental Consulting
Project:	Sky Valley Edu Center; PN 17-2070.01
Work Order:	1704352

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-RoomD
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-01
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-RoomC
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-02
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-RoomBOffice
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-03
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-RoomF
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-04
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-RoomEWest
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-05
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-RoomEEast
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-06
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-Nhallway
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-07
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-SEHallway
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-08
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-ANX-BoysBathroom
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-09
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-14
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-10
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-15
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-11
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-16
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-12
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-17
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-13
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-18
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-14
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-19
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-15
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-20
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-16
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-POD-North POD Center
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-17
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/17/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-Field Blank
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-18
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **0**	Analyst: **JEA**
Date Analyzed: 4/17/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.30	NA
Aroclor 1221	ND	0.30	NA
Aroclor 1232	ND	0.30	NA
Aroclor 1242	ND	0.30	NA
Aroclor 1248	ND	0.30	NA
Aroclor 1254	ND	0.30	NA
Aroclor 1260	ND	0.30	NA
Aroclor 1262	ND	0.30	NA
Aroclor 1268	ND	0.30	NA

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41117-Lab Blank
Collection Date: 4/11/2017

Work Order: 1704352
Lab ID: 1704352-19
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **0**	Analyst: **JEA**
Date Analyzed: 4/17/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.30	NA
Aroclor 1221	ND	0.30	NA
Aroclor 1232	ND	0.30	NA
Aroclor 1242	ND	0.30	NA
Aroclor 1248	ND	0.30	NA
Aroclor 1254	ND	0.30	NA
Aroclor 1260	ND	0.30	NA
Aroclor 1262	ND	0.30	NA
Aroclor 1268	ND	0.30	NA

Note:

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting

QC BATCH REPORT

Work Order: 1704352

Project: Sky Valley Edu Center; PN 17-2070.01

Batch ID: **42492** Instrument ID: **GC3** Method: **ETO10A**

MBLK Sample ID: **MBLK-42492-42492** Units: **µg/sample** Analysis Date: **4/17/2017**

Client ID: Run ID: **GC3_170417A** SeqNo: **1486820** Prep Date: **4/14/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.30								
Aroclor 1221	ND	0.30								
Aroclor 1232	ND	0.30								
Aroclor 1242	ND	0.30								
Aroclor 1248	ND	0.30								
Aroclor 1254	ND	0.30								
Aroclor 1260	ND	0.30								
Aroclor 1262	ND	0.30								
Aroclor 1268	ND	0.30								
Surr: Decachlorobiphenyl	0.0199	0	*0.05*	0	*39.8*	*16.1-134*	0			
Surr: Tetrachloro-m-xylene	0.0151	0	*0.05*	0	*30.2*	*27.5-129*	0			

LCS Sample ID: **LCS-42492-42492** Units: **µg/sample** Analysis Date: **4/17/2017**

Client ID: Run ID: **GC3_170417A** SeqNo: **1486821** Prep Date: **4/14/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	0.8562	0.30	1	0	85.6	50.3-120	0			
Surr: Decachlorobiphenyl	0.0449	0	*0.05*	0	*89.8*	*16.1-134*	0			
Surr: Tetrachloro-m-xylene	0.0377	0	*0.05*	0	*75.4*	*27.5-129*	0			

The following samples were analyzed in this batch:

1704352-01A	1704352-02A	1704352-03A
1704352-04A	1704352-05A	1704352-06A
1704352-07A	1704352-08A	1704352-09A
1704352-10A	1704352-11A	1704352-12A
1704352-13A	1704352-14A	1704352-15A
1704352-16A	1704352-17A	1704352-18A
1704352-19A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
WorkOrder: **1704352**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/sample	

ALS Environmental

Sample Receipt Checklist

Client Name: **FULCRUM-YAKIMA** Date/Time Received: **12-Apr-17 10:06**

Work Order: **1704352** Received by: **SNH**

Checklist completed by: Jan Wilcox (eSignature) 12-Apr-17 (Date) Reviewed by: Shawn Smythe (eSignature) 24-Apr-17 (Date)

Matrices:

Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	6.3		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☐	N/A ☐
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

21022

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or (513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

☒ REGULAR Status 17043352

☐ RUSH Status Required - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Page: 1 of 2

Date 4-11-17 Purchase Order No. _____
Company Name Fulcrum
Address 406 N 2nd St
Yakima (City) WA (State) 98901 (Zip)
Send Report To Ryan Mathews
Email Address Rmathews@efulcrum.net
Telephone (509) 574-0839
Alt. Contact Name Nathan Bostrom
Alt. Contact Info Nbostrom@efulcrum.net

Quote No. _____
Sampling Site Sky Valley Education Center
Date/Time of Collection 4-11-17 1:30-3:45 pm
Project No. 172020.01
Billing Address (if different)

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
01	41117-ANX-Room D	Tube, Puff	2100L/420min	TO-10A
02	41117-ANX-Room C	"	"	"
03	41117-ANX-Room B Office	"	"	"
04	41117-ANX-Room F	"	"	"
05	41117-ANX-Room E west	"	"	"
06	41117-ANX-Room E east	"	"	"
07	41117-ANX-N Hallway	"	"	"
08	41117-ANX-SE Hallway	"	"	"
09	41117-ANX-Boys bathroom	"	"	"
10	41117-POD-14	"	"	"
	41117-POD-Room 15	"	"	"
	41117-POD-Room 16	"	"	"
	41117-POD-Room 17	"	"	"
	41117-POD-Room 18	"	"	"
	41117-POD-Room 19	"	"	"
	41117-POD-Room 20	"	"	"

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bostrom	4-11-17		4-12-17 10:00
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY

COOLER TEMP: 6.3 °C
pH ADJUSTMENTS:
COOLING METHOD: NONE COOLER WET ICE DRY ICE ICE PACK

DELIVERY METHOD: STD MAIL PRTY MAIL CLIENT ALS DROP BOX COURIER FEDEX UPS OTHER: _____
CUSTODY SEALS: NONE COOLER PACKAGE SAMPLES
EQUIP. RETURNED:

21024

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or
(513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

☒ REGULAR Status 1704352

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date 4-11-17 Purchase Order No. _____ Quote No. _____

Company Name Fulcrum Sampling Site Sky Valley Education Center

Address 406 N 2nd St Date/Time of Collection 4-11-17 1:30-3:45 PM

Yakima (City) WA (State) 98901 (Zip) Project No. 172070.01

Send Report To Ryan Mathews Billing Address (if different)

Email Address Rmathews@efulcrum.net

Telephone (509) 574-0839

Alt. Contact Name Nathan Bostrom

Alt. Contact Info Nbostrom@efulcrum.net

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
11	41117-POD- North POD center	Tub, Puff	2100/420	TO-10a
12	41117-Field Blank	↓	-	
13	41117-Lab Blank	↓	-	

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bostrom	4-11-17		4-12-17 10:00
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY					DELIVERY METHOD:	CLIENT	DROP BOX	FEDEX	UPS
COOLER TEMP: °C	pH ADJUSTMENTS:				STD MAIL	PRTY MAIL	ALS	COURIER	OTHER:
COOLING METHOD: NONE	COOLER	WET ICE	DRY ICE	ICE PACK	CUSTODY SEALS: NONE	COOLER	PACKAGE	SAMPLES	
					EQUIP. RETURNED:				

28-Apr-2017

Ryan Mathews
Fulcrum Environmental Consulting
406 N. 2nd Street
Yakima, WA 98901

Tel: (509) 574-0839
Fax:

Re: Sky Valley Edu Center; PN 17-2070.01 Work Order: **1704391**

Dear Ryan,

ALS Environmental received 18 samples on 13-Apr-2017 10:22 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Shawn Smythe

Shawn Smythe
Project Manager

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Work Order: **1704391**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1704391-01	41217-POD-RM01	Air		4/12/2017	4/13/2017 10:22	☐
1704391-02	41217-POD-RM02	Air		4/12/2017	4/13/2017 10:22	☐
1704391-03	41217-POD-RM03	Air		4/12/2017	4/13/2017 10:22	☐
1704391-04	41217-POD-RM04	Air		4/12/2017	4/13/2017 10:22	☐
1704391-05	41217-POD-RM05	Air		4/12/2017	4/13/2017 10:22	☐
1704391-06	41217-POD-RM06	Air		4/12/2017	4/13/2017 10:22	☐
1704391-07	41217-POD-RM07	Air		4/12/2017	4/13/2017 10:22	☐
1704391-08	41217-POD-RM08	Air		4/12/2017	4/13/2017 10:22	☐
1704391-09	41217-POD-RM09	Air		4/12/2017	4/13/2017 10:22	☐
1704391-10	41217-POD-RM10	Air		4/12/2017	4/13/2017 10:22	☐
1704391-11	41217-POD-RM11	Air		4/12/2017	4/13/2017 10:22	☐
1704391-12	41217-POD-RM12	Air		4/12/2017	4/13/2017 10:22	☐
1704391-13	41217-POD-RM13	Air		4/12/2017	4/13/2017 10:22	☐
1704391-14	41217-POD-EAST POD CENTER	Air		4/12/2017	4/13/2017 10:22	☐
1704391-15	41217-POD-SOUTH POD CENTER	Air		4/12/2017	4/13/2017 10:22	☐
1704391-16	41217-POD-LIBRARY	Air		4/12/2017	4/13/2017 10:22	☐
1704391-17	41217-FIELD BLANK	Air		4/12/2017	4/13/2017 10:22	☐
1704391-18	41217-LAB BLANK	Air		4/12/2017	4/13/2017 10:22	☐

ALS Environmental

Date: 28-Apr-17

Client:	Fulcrum Environmental Consulting
Project:	Sky Valley Edu Center; PN 17-2070.01
Work Order:	1704391

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM01
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-01
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM02
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-02
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM03
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-03
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM04
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-04
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM05
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-05
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM06
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-06
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM07
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-07
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM08
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-08
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017			
	µg/sample	Reporting Limit µg/sample	mg/m3
Aroclor 1016	ND	0.30	<0.00014
Aroclor 1221	ND	0.30	<0.00014
Aroclor 1232	ND	0.30	<0.00014
Aroclor 1242	ND	0.30	<0.00014
Aroclor 1248	ND	0.30	<0.00014
Aroclor 1254	ND	0.30	<0.00014
Aroclor 1260	ND	0.30	<0.00014
Aroclor 1262	ND	0.30	<0.00014
Aroclor 1268	ND	0.30	<0.00014

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM09
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-09
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM10
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-10
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM11
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-11
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.50	<0.00024	
Aroclor 1221	ND	0.50	<0.00024	
Aroclor 1232	ND	0.50	<0.00024	
Aroclor 1242	ND	0.50	<0.00024	
Aroclor 1248	ND	0.50	<0.00024	
Aroclor 1254	ND	0.50	<0.00024	
Aroclor 1260	ND	0.50	<0.00024	
Aroclor 1262	ND	0.50	<0.00024	
Aroclor 1268	ND	0.50	<0.00024	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM12
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-12
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-RM13
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-13
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-EAST POD CENTER
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-14
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-SOUTH POD CENTER
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-15
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-POD-LIBRARY
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-16
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **2100**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	<0.00014	
Aroclor 1221	ND	0.30	<0.00014	
Aroclor 1232	ND	0.30	<0.00014	
Aroclor 1242	ND	0.30	<0.00014	
Aroclor 1248	ND	0.30	<0.00014	
Aroclor 1254	ND	0.30	<0.00014	
Aroclor 1260	ND	0.30	<0.00014	
Aroclor 1262	ND	0.30	<0.00014	
Aroclor 1268	ND	0.30	<0.00014	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-FIELD BLANK
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-17
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10		Method: **ETO10A**	Air Volume (L): **0**	Analyst: **JEA**
Date Analyzed: 4/21/2017	µg/sample	Reporting Limit µg/sample	mg/m3	
Aroclor 1016	ND	0.30	NA	
Aroclor 1221	ND	0.30	NA	
Aroclor 1232	ND	0.30	NA	
Aroclor 1242	ND	0.30	NA	
Aroclor 1248	ND	0.30	NA	
Aroclor 1254	ND	0.30	NA	
Aroclor 1260	ND	0.30	NA	
Aroclor 1262	ND	0.30	NA	
Aroclor 1268	ND	0.30	NA	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
Sample ID: 41217-LAB BLANK
Collection Date: 4/12/2017

Work Order: 1704391
Lab ID: 1704391-18
Matrix: AIR

Analytical Results

Analyses

PCBS BY EPA TO-10	Method: **ETO10A**	Air Volume (L): **0**	Analyst: **JEA**
Date Analyzed: 4/21/2017		Reporting Limit	
	µg/sample	µg/sample	mg/m3
Aroclor 1016	ND	0.30	NA
Aroclor 1221	ND	0.30	NA
Aroclor 1232	ND	0.30	NA
Aroclor 1242	ND	0.30	NA
Aroclor 1248	ND	0.30	NA
Aroclor 1254	ND	0.30	NA
Aroclor 1260	ND	0.30	NA
Aroclor 1262	ND	0.30	NA
Aroclor 1268	ND	0.30	NA

Note:

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting

QC BATCH REPORT

Work Order: 1704391

Project: Sky Valley Edu Center; PN 17-2070.01

Batch ID: **42522** Instrument ID: **GC3** Method: **ETO10A**

MBLK Sample ID: **MBLK-42522-42522** Units: **µg/sample** Analysis Date: **4/21/2017**

Client ID: Run ID: **GC3_170421G** SeqNo: **1486909** Prep Date: **4/17/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.30								
Aroclor 1221	ND	0.30								
Aroclor 1232	ND	0.30								
Aroclor 1242	ND	0.30								
Aroclor 1248	ND	0.30								
Aroclor 1254	ND	0.30								
Aroclor 1260	ND	0.30								
Aroclor 1262	ND	0.30								
Aroclor 1268	ND	0.30								
Surr: Decachlorobiphenyl	0.0402	0	*0.05*	0	*80.4*	*16.1-134*	0			
Surr: Tetrachloro-m-xylene	0.0379	0	*0.05*	0	*75.8*	*27.5-129*	0			

LCS Sample ID: **LCS-42522-42522** Units: **µg/sample** Analysis Date: **4/21/2017**

Client ID: Run ID: **GC3_170421G** SeqNo: **1486910** Prep Date: **4/17/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	0.8297	0.30	1	0	83	50.3-120	0			
Surr: Decachlorobiphenyl	0.0398	0	*0.05*	0	*79.6*	*16.1-134*	0			
Surr: Tetrachloro-m-xylene	0.041	0	*0.05*	0	*82*	*27.5-129*	0			

The following samples were analyzed in this batch:

1704391-01A	1704391-02A	1704391-03A
1704391-04A	1704391-05A	1704391-06A
1704391-07A	1704391-08A	1704391-09A
1704391-10A	1704391-11A	1704391-12A
1704391-13A	1704391-14A	1704391-15A
1704391-16A	1704391-17A	1704391-18A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Fulcrum Environmental Consulting
Project: Sky Valley Edu Center; PN 17-2070.01
WorkOrder: **1704391**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/sample	

ALS Environmental

Sample Receipt Checklist

Client Name: **FULCRUM-YAKIMA** Date/Time Received: **13-Apr-17 10:22**

Work Order: **1704391** Received by: **RDN**

Checklist completed by: Stephanie Harrington 13-Apr-17
eSignature Date

Reviewed by: Shawn Smythe 24-Apr-17
eSignature Date

Matrices:
Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):			
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

20980

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or
(513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Page: 1 of 2

Date 4-12-17 Purchase Order No. _____ Quote No. _____

Company Name Fulcrum Sampling Site Sky Valley Education Cente

Address 406 N 2nd St Date/Time of Collection 4-12-17

Yakima (City) WA (State) 98902 (Zip) Project No. 172070.01

Send Report To Ryan Mathews Billing Address (if different) _____

Email Address RMathews@efulcrum.net

Telephone (509) 574-0839

Alt. Contact Name Nathan Bostrom

Alt. Contact Info Nbostrom@efulcrum.net

170439

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
01	41217-POD-~~01~~ RM 01	Tub, Puff	2100/420	TO-10a
02	41217-POD-~~02~~ RM02	"	"	"
03	41217-POD-~~03~~ RM03	"	"	"
04	41217-POD-RM 04	"	"	"
05	41217-POD-RM05	"	"	"
06	41217-POD-RM06	"	"	"
07	41217-POD-RM07	"	"	"
08	41217-POD-RM08	"	"	"
09	41217-POD-RM09	"	"	"
10	41217-POD-RM10	"	"	"
11	41217-POD-RM11	"	"	"
12	41217-POD-RM12	"	"	"
13	41217-POD-RM 13	"	"	"
14	~~41217-POD-RM14~~			
15	41217-POD-EAST POD Center	"	"	"
16	41217-POD-South POD Center	"	"	"

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bostrom	4-12-17 3PM		4/13/17 10:22
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY

COOLER TEMP: 11.9 °C pH ADJUSTMENTS:

COOLING METHOD: NONE (COOLER) WET ICE DRY ICE (ICE PACK)

DELIVERY METHOD: CLIENT DROP BOX FEDEX (UPS) STD MAIL PRTY MAIL ALS COURIER OTHER: _____

CUSTODY SEALS: (NONE) COOLER PACKAGE SAMPLES

EQUIP. RETURNED:

20982

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or
(513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____

Company Name Fulcrum

Address 401 - N 2nd St

Yakima WA 98901
City State Zip

Send Report To Ryan Mathews

Email Address Rmathews@fulcrum.net

Telephone (509) 574-0839

Alt. Contact Name _____

Alt. Contact Info _____

Quote No. _____

Sampling Site Sky Valley Education Center

Date/Time of Collection 4-12-17

Project No. 172020.01

Billing Address (if different)

1704391

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
17	41217-POR-Library	Tub, Cut	2109/420	TO-10a
18	41217-Field Blank			
19	4217-Lab Blank			

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
[signature]	4-12-17 3PM	[signature]	4/13/17 0900
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY		DELIVERY METHOD: CLIENT DROP BOX FEDEX UPS STD MAIL PRTY MAIL ALS COURIER OTHER: _____
COOLER TEMP: °C	pH ADJUSTMENTS:	CUSTODY SEALS: NONE COOLER PACKAGE SAMPLES
COOLING METHOD: NONE COOLER WET ICE DRY ICE ICE PACK		EQUIP. RETURNED:

FULCRUM
environmental consulting

Attachment E

ALS Global Cincinnati Laboratory Report
Wipe Samples

P. 509.574.0839 F. 509.575.8453
406 North 2nd Street
Yakima, Washington 98901
efulcrum.net

28-Apr-2017

Ryan Mathews
Fulcrum Environmental Consulting
406 N. 2nd Street
Yakima, WA 98901

Tel: (509) 574-0839
Fax:

Re: Sky Valley Education Center; PN 172070.01 Work Order: **1704401**

Dear Ryan,

ALS Environmental received 20 samples on 13-Apr-2017 10:54 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Jeff Ogle

Shawn Smythe
Project Manager

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Work Order: **1704401**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1704401-01	41217-ANX-PrepRoomF	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-02	41217-ANX-RoomE West	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-03	41217-ADM-Nurse	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-04	41217-ADM-NW Office	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-05	41217-GYM-Girls Locker Storage	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-06	41217-GYM-South Window	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-07	41217-GYM-Daycare Beam	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-08	41217-POD-RM01	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-09	41217-POD-RM05	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-10	41217-POD-RM10	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-11	41217-POD-RM12	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-12	41217-POD-RM15	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-13	41217-POD-RM18	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-14	41217-POD-RM19	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-15	41217-GYM-Girls Locker Room Door	Wipe		4/12/2017	4/13/2017 10:54	☑
1704401-16	41217-POD-RM17	Wipe		4/12/2017	4/13/2017 10:54	☑
1704401-17	41217-ANX-Prep Room F-B	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-18	41217-ANX-Girls Locker Rm Storage B	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-19	41217-Field Blank	Wipe		4/12/2017	4/13/2017 10:54	☐
1704401-20	41217-Lab Blank	Wipe		4/12/2017	4/13/2017 10:54	☐

ALS Environmental

Date: 28-Apr-17

Client:	Fulcrum Environmental Consulting
Project:	Sky Valley Education Center; PN 172070.01
Work Order:	1704401

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-ANX-PrepRoomF
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-01
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-ANX-RoomE West
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-02
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE	Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	Reporting Limit		
	µg/sample	µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-ADM-Nurse
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-03
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-ADM-NW Office
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-04
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-GYM-Girls Locker Storage
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-05
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE	Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	Reporting Limit		
	µg/sample	µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-GYM-South Window
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-06
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-GYM-Daycare Beam
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-07
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-POD-RM01
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-08
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE	Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	Reporting Limit		
	µg/sample	µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-POD-RM05
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-09
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-POD-RM10
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-10
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-POD-RM12
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-11
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-POD-RM15
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-12
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-POD-RM18
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-13
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-POD-RM19
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-14
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-ANX-Prep Room F-B
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-17
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE	Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	Reporting Limit		
	µg/sample	µg/sample	ug/cm2
Aroclor 1016	ND	1.0	<0.010
Aroclor 1221	ND	1.0	<0.010
Aroclor 1232	ND	1.0	<0.010
Aroclor 1242	ND	1.0	<0.010
Aroclor 1248	ND	1.0	<0.010
Aroclor 1254	ND	1.0	<0.010
Aroclor 1260	ND	1.0	<0.010
Aroclor 1262	ND	1.0	<0.010
Aroclor 1268	ND	1.0	<0.010

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-ANX-Girls Locker Rm Storage B
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-18
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE		Method: **SW8082**	Area **100 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2	
Aroclor 1016	ND	1.0	<0.010	
Aroclor 1221	ND	1.0	<0.010	
Aroclor 1232	ND	1.0	<0.010	
Aroclor 1242	ND	1.0	<0.010	
Aroclor 1248	ND	1.0	<0.010	
Aroclor 1254	ND	1.0	<0.010	
Aroclor 1260	ND	1.0	<0.010	
Aroclor 1262	ND	1.0	<0.010	
Aroclor 1268	ND	1.0	<0.010	

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-Field Blank
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-19
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE	Method: **SW8082**	Area **0 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: *28-Apr-17*

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
Sample ID: 41217-Lab Blank
Collection Date: 4/12/2017

Work Order: 1704401
Lab ID: 1704401-20
Matrix: WIPE

Analytical Results

Analyses

PCBS WIPE	Method: **SW8082**	Area **0 cm2**	Analyst: **JEA**
Date Analyzed: 4/19/2017	µg/sample	Reporting Limit µg/sample	ug/cm2
Aroclor 1016	ND	1.0	NA
Aroclor 1221	ND	1.0	NA
Aroclor 1232	ND	1.0	NA
Aroclor 1242	ND	1.0	NA
Aroclor 1248	ND	1.0	NA
Aroclor 1254	ND	1.0	NA
Aroclor 1260	ND	1.0	NA
Aroclor 1262	ND	1.0	NA
Aroclor 1268	ND	1.0	NA

Note:

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting

QC BATCH REPORT

Work Order: 1704401

Project: Sky Valley Education Center; PN 172070.01

Batch ID: **42603** Instrument ID **GC3** Method: **SW8082**

MBLK Sample ID **MBLK-42603-42603** Units: **µg/sample** Analysis Date: **4/19/2017**

Client ID: Run ID: **GC3_170419A** SeqNo: **1484197** Prep Date: **4/19/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Aroclor 1262	ND	1.0								
Aroclor 1268	ND	1.0								
Surr: Decachlorobiphenyl	0.51	0	*1*	0	*51*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.496	0	*1*	0	*49.6*	*24.4-141*	0			

LCS Sample ID **LCS-42603-42603** Units: **µg/sample** Analysis Date: **4/19/2017**

Client ID: Run ID: **GC3_170419A** SeqNo: **1484198** Prep Date: **4/19/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	17.23	1.0	20	0	86.1	38.1-135	0			
Surr: Decachlorobiphenyl	0.908	0	*1*	0	*90.8*	*14.6-145*	0			
Surr: Tetrachloro-m-xylene	0.76	0	*1*	0	*76*	*24.4-141*	0			

LCSD Sample ID **LCSD-42603-42603** Units: **µg/sample** Analysis Date: **4/19/2017**

Client ID: Run ID: **GC3_170419A** SeqNo: **1484217** Prep Date: **4/19/2017** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1260	17.09	1.0	20	0	85.5	38.1-135	17.23	0.769	20	
Surr: Decachlorobiphenyl	0.882	0	*1*	0	*88.2*	*14.6-145*	0.908	*2.91*		
Surr: Tetrachloro-m-xylene	0.715	0	*1*	0	*71.5*	*24.4-141*	0.76	*6.1*		

The following samples were analyzed in this batch:

1704401-01A	1704401-02A	1704401-03A
1704401-04A	1704401-05A	1704401-06A
1704401-07A	1704401-08A	1704401-09A
1704401-10A	1704401-11A	1704401-12A
1704401-13A	1704401-14A	1704401-15A
1704401-16A	1704401-17A	1704401-18A
1704401-19A	1704401-20A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 28-Apr-17

Client: Fulcrum Environmental Consulting
Project: Sky Valley Education Center; PN 172070.01
WorkOrder: **1704401**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/sample	

ALS Environmental

Sample Receipt Checklist

Client Name: **FULCRUM-YAKIMA** Date/Time Received: **13-Apr-17 10:54**

Work Order: **1704401** Received by: **SNH**

Checklist completed by Jan Wilcox 14-Apr-17 Reviewed by: Shawn Smythe 19-Apr-17
eSignature Date eSignature Date

Matrices:
Carrier name: UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.6		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☐	N/A ☐
pH adjusted by:	_		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

21019

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or (513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

☒ REGULAR Status 1764401

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Page: 1 of 2

Date 4-12-17 Purchase Order No. _____ Quote No. _____

Company Name Fulcrum Sampling Site Sky Valley Education Center

Address 406 N 2nd St Date/Time of Collection 4-12-17

Yakima (City) WA (State) 98901 (Zip) Project No. 172070.01

Send Report To Ryan Matheus Billing Address (if different)

Email Address Rmatheus@fulcrum.net

Telephone (509) 574-0839

Alt. Contact Name Nathan Bostrom

Alt. Contact Info NBostrom@fulcrum.net

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
01	41217-ANX-Prep Room F	Hexane wipe	100 cm²	8082A
02	41217-ANX-Room E West	"	"	"
03	41217-ADM-Nurse	"	"	"
04	41217-ADM-NW Office	"	"	"
05	41217-GYM-Girls Locker Storage	"	"	"
06	41217-GYM-South Window	"	"	"
07	41217-GYM-Daycare Beam	"	"	"
08	41217-POD-RM 01	"	"	"
09	41217-POD-RM 05	"	"	"
10	41217-POD-RM 10	"	"	"
11	41217-POD-RM 12	"	"	"
12	41217-POD-RM 15	"	"	"
13	41217-POD-RM 18	"	"	"
14	41217-POD-RM 19	"	"	"
15	41217-GYM-Girls locker Room Floor	"	"	Place on Hold
16	41217-POD-RM 17	"	"	Place on Hold

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Nathan Bostrom	4-12-17 3pm		4-13-17 10:54
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY

COOLER TEMP: 2.0 °C pH ADJUSTMENTS:

COOLING METHOD: NONE COOLER WET ICE DRY ICE ICE PACK

DELIVERY METHOD: STD MAIL PRTY MAIL CLIENT ALS DROP BOX COURIER FEDEX UPS OTHER: _____

CUSTODY SEALS: NONE COOLER PACKAGE SAMPLES

EQUIP. RETURNED:

20981

ALS | Environmental
4388 Glendale Milford Rd.
Cincinnati, Ohio 45242
Phone: (800)-458-1493 or
(513) 733-5336
Fax: (513) 733-5347

ANALYTICAL REQUEST FORM

1704401

☒ REGULAR Status

☐ RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date _____ Purchase Order No. _____

Company Name Fulcrum

Address 406 N 2nd St

Yakima (City) WA (State) 98901 (Zip)

Send Report To Ryan Mathews

Email Address RMathews@efulcrum.net

Telephone ( ) _____

Alt. Contact Name _____

Alt. Contact Info _____

Quote No. _____

Sampling Site Sky Valley Education

Date/Time of Collection 4-12-17

Project No. 172070.01

Billing Address (if different)

Lab Use Only	Client Sample Number	Media Type	Sample Volume (L)/ Sample Time (min.)	ANALYSIS REQUESTED - Use Method Number if Known
17	41217-ANX-Prep Room F-B	Hexane Wipe	100 cm²	8082A
18	41217-ANX-Girls Locker Rm Storage-B			
19	41217-Field Blank			
20	41217-Lab Blank			

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

CHAIN OF CUSTODY

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
[signature]	4-12-17 3:30	[signature]	4-13-17 10:54
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

ALS LAB USE ONLY					
COOLER TEMP: °C	pH ADJUSTMENTS:				
COOLING METHOD: NONE	COOLER	WET ICE	DRY ICE	ICE PACK	

DELIVERY METHOD: CLIENT DROP BOX FEDEX UPS STD MAIL PRTY MAIL ALS COURIER OTHER: _____

CUSTODY SEALS: NONE COOLER PACKAGE SAMPLES

EQUIP. RETURNED: